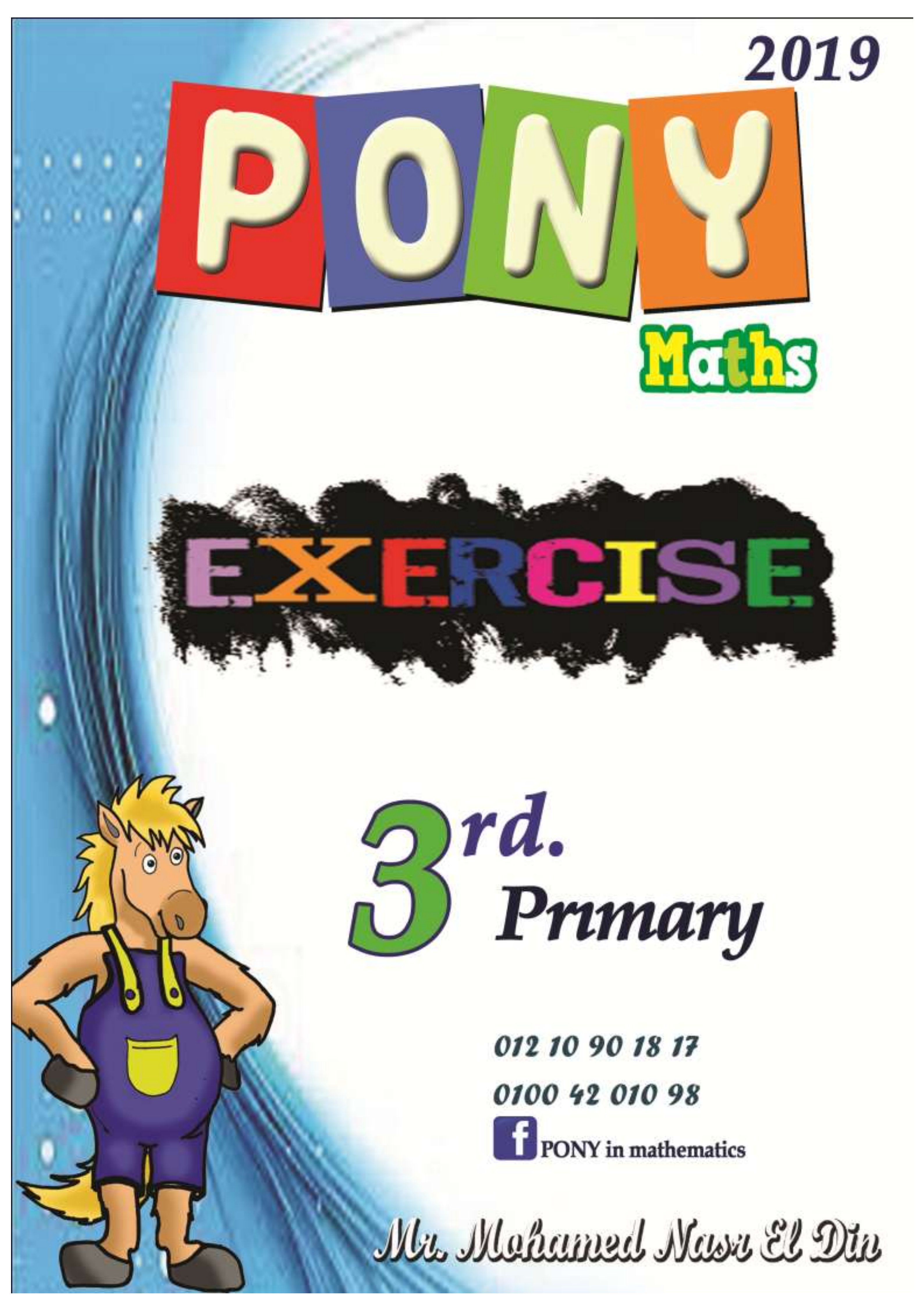


2019
PONY
Maths
EXERCISE
3rd.
Primary
012 10 90 18 17
0100 42 010 98
PONY in mathematics
Mr. Mohamed Nasr El Din



Multiplication and Division

EXERCISES 1,2&3 Multiplying X 10 , 100 , 1000 ....

1) Complete :

3 X 10 = ... + ... + ... = ...

4 X 10 = ... + ... + ... + ... = ...

4 X 100 = ... + ... + ... + ... = ...

5 X 1000 = ... + ... + ... + ... + ... = ...

2 X 1000 = ... + ... = ...

3 X 1000 = ... + ... + ... = ...

4 X 1000 = ...	5 X 100 = ...
5 X 1000 = ...	2 X 200 = ...
8 X 30 = ...	30 X 80 = ...
6 X 30 = ...	300 X 80 = ...
9 X 300 = ...	500 X 20 = ...
8 X 300 = ...	540 X 10 = ...
7 X 2000 = ...	130 X 100 = ...
5 X 2000 = ...	13 X 1000 = ...
2 X 200 = ...	200 X 100 = ...
2 X 100 = ...	200 X 10 = ...
3 X 900 = ...	100 X 200 = ...
3 X 300 = ...	400 X 100 = ...

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2) Complete :

4 X	= 4 000	.... X 1 0 0	= 5 0 0 Tens
5 X	= 2 0 000	.... X 2 0 0	= 16 Hundreds
8 X	= 2 400	.... X 8 0	= 4 thousands
6 X	= 3 000	.... X 8 0	= 400 Tens
9 X	= 36 000	.... X 2 0	= 10 Hundreds
8 X	= 4 000	.... X 1 0	= 50 thousands
7 X	= 4 200	.... X 1 0 0	= 150 Tens
5 X	= 2 000	.... X 1 000	= 400 Hundreds
2 X	= 1 000	.... X 1 0 0	= 50 thousands
2 X	= 20 000	.... X 1 0	= 200 Tens
3 X	= 1 800	.... X 5 0 0	= 20 Hundreds
3 X	= 1 500	.... X 1 0 0	= 10 thousands

3) Complete :

15 X 1 0 0 = ... = ... Tens

5 X 2 0 0 = ... = ... Hundreds

4 X 5 0 0 = ... = ... thousands

8 X 2 0 0 = ... = ... Tens

9 X 1 0 0 0 = ... = ... Hundreds

5 X 1 0 0 0 = ... = ... thousands

2 X 5 0 0 = ... = ... Tens

8 X 500 = …….. X 1000 = ……….

6 X 50 = …….. X 10 = ……….

50 X 400 = 200 X ……. = ……….

50 X 200 = 100 X ……. = ……….

8 X …………..= 100 X ………. = 64 000

8 X …………..= 100 X ………. = 40 000

………… X 400 = 30 X ……… = 12 000

………… X 600 = 30 X ……… = 30 000



Complete :

7 centimeter = ………… X ………… = ………… millimeter

6 centimeter = ………… X ………… = ………… millimeter

3 decimeter = ………… X ………… = ………… centimeter

2 decimeter = ………… X ………… = ………… centimeter

15 meter = ………… X ………… = ………… centimeter

12 metres = ………… X ………… = ………… centimeter

11 metres = ………… X ………… = ………… decimeter

17 metres = ………… X ………… = ………… decimeter

4 kilometer = ………… X ………… = ………… meter

14 kilometer = ………… X ………… = ………… meter

9 kilograms = ………… X ………… = ………… grams

14 kilograms = ………… X ………… = ………… grams

7 tons = ………… X ………… = ………… kilograms

41 tons = ………… X ………… = ………… kilograms

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Hany bought 7 books for PT 100 each. What is the price of books ?

The price of books = ...

The monthly wages of the workers in a factory are LE 1000 .
What are the wages of these workers in a year ? (12 months)
The wages = ...

A school has 40 classes , each class has 50 students

how many students are there in this school ?

The number of students = ...

Alaa had PT 8500 , she bougth 8 kg of oranges for PT 700 each

How much money were left with her ?

The price of oranges = ...

The left money = ...

Salah bougth 8 pens for PT 100 each and 7 books for LE 200 each
How much money did he pay ?

The price of pens = ...

The price of books = ...

Salah paid = ...

A merchant has 45 boxes of soap , each of 10 bars ,
he sold 270 bars . How many bars were left?

Number of bars in boxes= ....

Number of bars left = ...





❶ *Complete each of the following :*

(1) 1 000 × 7 = ·········

(2) 8 kg. = ········· gm.

(3) 1 000 × ········· = 6 000

(4) (3 × 7) × 10 = ·········

---

❷ *Choose the correct answer :*

(1) 7 × ········· × 1 000 = 42 000 (5 **or** 6 **or** 8 **or** 7)

(2) 8 000 tens = ········· (8 000 **or** 800 **or** 80 000 **or** 80)

(3) 2 × 9 000 = ········· (1 800 **or** 18 000 **or** 180 **or** 1 008)

(4) 69 metres = ········· centimetres.

(69 **or** 690 **or** 6 900 **or** 69 000)

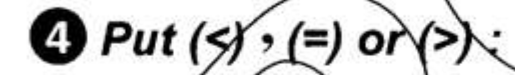
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❸ *Arrange the results in an ascending order :*

(12 × 1 000) , (5 × 1 000) , (10 × 9 000) and (30 × 900)

The order is :

························ , ························ , ························ , ························



❹ *Put (<) , (=) or (>) :*

(1) 1 000 × 7 ☐ 80 × 100

(2) 5 × 1 000 ☐ 50 × 1 000

(3) 65 000 ☐ (8 × 8) × 1 000

(4) 9 thousands ☐ 90 hundreds

---

❺ *A merchant bought 3 TV sets for L.E. 2 000 each.*

How much money did the merchant pay ?

The merchant paid = ···················· × ···················· = L.E. ····················

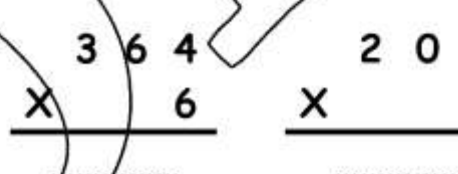
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EXERCISES 4 Multiplying a 2-digit number or more by a 1-digit number

Find :

53 X 2 ……………	36 X 4 ……………	25 X 6 ……………	19 X 5 ……………	45 X 7 ……………
62 X 5 ……………	47 X 7 ……………	26 X 9 ……………	35 X 1 ……………	44 X 3 ……………
47 X 2 ……………	28 X 4 ……………	39 X 6 ……………	54 X 6 ……………	65 X 8 ……………
19 X 5 ……………	28 X 4 ……………	37 X 2 ……………	46 X 7 ……………	54 X 3 ……………
342 X 2 ……………	451 X 4 ……………	364 X 6 ……………	207 X 3 ……………	484 X 3 ……………
455 X 3 ……………	335 X 5 ……………	287 X 7 ……………	269 X 9 ……………	123 X 2 ……………
563 X 2 ……………	264 X 4 ……………	147 X 6 ……………	105 X 3 ……………	405 X 3 ……………
514 X 5 ……………	352 X 6 ……………	135 X 2 ……………	207 X 8 ……………	603 X 9 ……………



Find :

34 X 5 = ...

47 X 8 = ...

83 X6 = ...

702 X 7 = ...

603 X4 = ...

347 X 8 = ...

456X3 = ...

202X7 = ...

4003 X5 = ...

4855 X8 = ...

53 X 20 = ...

340X40 = ...

503X30 = ...

2020 X20 = ...

4040X5 = ...

2100X7 = ...

Complete :

1 , 5 , 25 , 125 , ... , ...

2 , 4 , 8 , 16 , 32 , ... , ...

3 , 9 , 27 , 81 , ... , ...

Complete

□ 5 6	1 □ 2	1 5 6	2 □ 9 4
× □	× 7	× 4	× 2
7 8 0	7 8 □	□ □ □	□ 3 □ □

□ 0 7	2 □ 7	4 0 8	1 □ 7 3
× □	× 3	× 4	× 2
6 1 4	□ 8 □	□ □ □ □	□ 7 □ □

A box contains 162 marbles . How many marbles are there in 5 boxes?
There are = ……………………………………………………………

The price of 1 kg of potatoes is PT 175. Find the price of 8 kg .
The price = ……………………………………………………………

Maha bought 9 boxes of oranges , each holds 2 1 5 oranges.
How many oranges are there in all boxes ?
There are = ……………………………………………………………

Hany bought 7 books for PT 825 each. What is the price of books ?
The price of books =……………………………………………

A merchant has 9 boxes of soap , each of 45 bars ,
he sold 270 bars . How many bars were left?
Number of bars in 9 boxes=……………………………………
Number of bars left =……………………………………………

The monthly wages of the workers in a factory are LE 720 .
What are the wages of these workers in three months ?
The wages =……………………………………………………………

1 Find the product of each of the following :

(1)
$$\begin{array}{r} 213 \\ \times \quad 5 \\ \hline \ldots\ldots \end{array}$$

(2)
$$\begin{array}{r} 307 \\ \times \quad 8 \\ \hline \ldots\ldots \end{array}$$

(3) 547 × 9 = ………

(4) 1 836 × 2 = ………

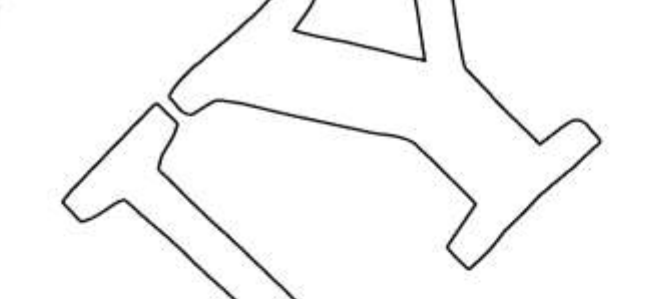
2 Complete each of the following :

(1) 8 × 1 518 = ………

(2) 4 × 7 × 10 = ………

(3) 6 kilograms = ……… grams.

(4) 256 × 3 = ………



3 Put (✓) for the correct statement and (×) for the incorrect one

(1) 150 × 50 < 200 × 2 ( )

(2) 7 500 m. = 7 km. and 500 m. ( )

(3) 100 + 100 + 100 + 100 = 4 × 100 ( )

(4) (5 × 1 000) + (3 × 1 000) = 800 ( )

4 [a] Complete in the same pattern :

4 , 16 , 64 , ……… , ………

[b] Choose the correct answer :

(1) 4 × 7 = 4 × 6 + ……… (1 or 4 or 7)

(2) 9 × 302 = 2 710 + ……… (6 or 7 or 8)

5 Nada bought a dress for 66 pounds and 3 books for 17 pounds each. How much do they all cost ?

The price of the books = ………… × ………… = ………… pounds.

The total of what Nada paid = ………… + ………… = ………… pounds.



EXERCISES 5

Even Numbers and Odd Numbers

Circle the odd numbers

151	24	45	117	18	211
200	15	63	20	84	913
910	212	214	155	473	477

Circle the even numbers

12	150	114	411	87	459
48	51	127	367	45	13
485	44	222	28	121	415

Complete each of the following:

(a) An even number + an even number = an .... number.

(b) An odd number + an odd number = an .... number.

(c) An even number + an odd number = an .... number.

(d) An even number + 1 = an .... number.

(e) An odd number + 1 = an .... number.

(f) An even number - 1 = an .... number.

(g) An odd number - 1 = an .... number.

(h) An even number + 2 = an .... number.

(i) An odd number + 2 = an .... number.

(j) An even number - 2 = an .... number.

(k) An odd number - 2 = an .... number.

(l) An even number + 3 = an .... number.

(m) An odd number + 3 = an .... number.

(n) An even number - 3 = an .... number.

(o) An odd number - 3 = an .... number.



Complete each of the following:

(a) the odd number just after 155 is..........

(b) the odd number just after 442 is..........

(c) the even number just after 15 is..........

(d) the even number just after 32 is..........

(e) the odd number just before 15 is..........

(f) the odd number just before 66 is..........

(g) the even number just before 86 is..........

(h) The even number just after 306 is ....

(i) The odd number just before 2751 is ....

-Write two consecutive odd numbers given that the product of them is 15 .

The two numbers are .... and ....

- Write two consecutive odd numbers given that the product of them is 35 .

The two numbers are .... and ....

- Write two consecutive even numbers given that the product of them is 8 .

The two numbers are .... and ....

- Write two consecutive even numbers given that the product of them is 24 .

The two numbers are .... and ....

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1 Complete each of the following :

(1) The numbers 16 , 24 and 36 are called ……… numbers.

(2) The sum of two odd numbers is an ……… number.

(3) 7 × 234 = ………

(4) 40 ÷ ……… = 5

---

2 Choose the correct answer :

(1) The even number just after 12 is ……… (14 **or** 8 **or** 10 **or** 13)

(2) 112 m. = ……… cm. (1 120 **or** 11 200 **or** 11 002 **or** 1 102)

(3) The odd number between 7 and 11 is ……… (8 **or** 9 **or** 10 **or** 13)

(4) ……… is an odd number. (96 **or** 48 **or** 70 **or** 41)

---

3 From the following numbers :

5 775 , 4 884 , 123 , 5 770 , 1 221 , 8 , 29 , 700

Find : **(1)** The even numbers : ………………………………………………

(2) The odd numbers : ………………………………………………

---

4 Find the result of each of the following and write (even or odd) in front of each answer :

(1) 4 × 17 = ……… ( ) **(2)** 3 × 103 = ……… ( )

(3) 27 ÷ 3 = ……… ( ) **(4)** 16 ÷ 2 = ……… ( )

---

5 Mariam bought 10 dolls for L.E. 12 each.

Find the price of dollls.

The price of dolls = ……………… × ……………… = L.E. ……………



EXERCISES 6 Division

Divide :

336 ÷ 3 = ...	868 ÷ 2 = ...	844 ÷ 2 = ...
864 ÷ 2 = ...	8844 ÷ 2 = ...	693 ÷ 3 = ...
9666 ÷ 3 = ...	4488 ÷ 4 = ...	128 ÷ 4 = ...
168 ÷ 4 = ...	244 ÷ 4 = ...	369 ÷ 9 = ...
2416 ÷ 4 = ...	2535 ÷ 5 = ...	4126 ÷ 2 = ...
8612 ÷ 2 = ...	8412 ÷ 4 = ...	3624 ÷ 6 = ...
255 ÷ 5 = ...	366 ÷ 6 = ...	812 ÷ 4 = ...
369 ÷ 3 = ...	408 ÷ 8 = ...	120 ÷ 6 = ...
3200 ÷ 4 = ...	405 ÷ 5 = ...	6009 ÷ 3 = ...
4008 ÷ 8 = ...	3006 ÷ 6 = ...	2008 ÷ 4 = ...
8012 ÷ 4 = ...	6307 ÷ 7 = ...	2807 ÷ 7 = ...

2) 4 8 6	4) 2 4 8	5) 5 5 5	3) 9 0 3	4) 8 0 8
3) 9612	5) 4505	3) 9012	4) 8016	5) 1515
6) 1218	7) 2835	8) 2408	9) 3609	2) 4028
3) 3009	4) 4012	5) 5015	6) 3606	7) 7042

$\frac{844}{4}$ =.............. $\frac{550}{5}$ =.............. $\frac{284}{2}$ =..............

$\frac{246}{3}$ =.............. $\frac{328}{4}$ =.............. $\frac{9663}{3}$ =..............

$\frac{4535}{5}$ =.............. $\frac{2432}{8}$ =.............. $\frac{6336}{9}$ =..............

$\frac{2800}{7}$ =.............. $\frac{1206}{6}$ =.............. $\frac{4505}{5}$ =..............

$\frac{9081}{9}$ =.............. $\frac{3228}{4}$ =.............. $\frac{6018}{6}$ =..............

$\frac{1000}{5}$ =.............. $\frac{1000}{2}$ =.............. $\frac{20000}{4}$ =..............

300 ÷ 3 = ...	100 ÷ 2 = ...	4000 ÷ 2 = ...
6002 ÷ 2 = ...	8004 ÷ 2 = ...	6012 ÷ 3 = ...



5 ⟌ 5015   3 ⟌ 9012   5 ⟌ 4000   3 ⟌ 9000   4 ⟌ 8040

$\frac{4505}{5}$ =.............. $\frac{6008}{2}$ =.............. $\frac{7200}{9}$ =..............

$\frac{1208}{4}$ =.............. $\frac{3608}{4}$ =.............. $\frac{9300}{3}$ =..............

1 ***Find the result of each of the following :***

(1) 568 ÷ 8 = ...

(2) 1 266 ÷ 6 = ...

(3) 2 ⟌ 8 422 ....

(4) 3 514 ÷ 7 = ...

2 ***Choose the correct answer :***

(1) 455 ÷ 5 .... 23 × 7 (> or = or <)

(2) 100 m. = ... cm. (10 000 or 10 or 1 or 100)

(3) 4 × 7 × 10 = 10 × .... (7 or 4 or 28)

(4) (8 × 8) ÷ 8 = ... (1 or 8 or 64)

3 ***Complete each of the following :***

(1) 36 ÷ .... = 9

(2) 311 × 7 = ...

(3) 7 × 6 × 10 = ...

(4) 1 m. = ... cm.

4 ***Put (✓) for the correct statement and (×) for the incorrect one :***

(1) 515 ÷ 5 = 13 (   )

(2) 127 × 5 = 635 (   )

(3) The smallest even number is 2 (   )

(4) 2 × 4 × 5 = 40 (   )

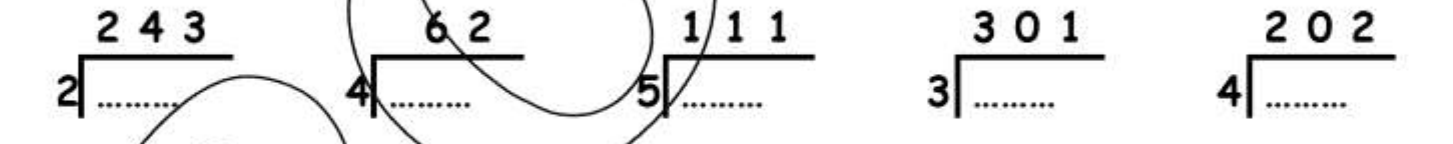
5 ***A father distributed 690 pounds among his 3 sons equally. What is the share of each son ?***

The share of each son = ... ÷ .... = ... pounds.

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Divide :

336 ÷ ... = 112	.... ÷ 2 = 2012	.... ÷ 2 = 422
864 ÷ ... = 432	.... ÷ 2 = 231	.... ÷ 3 = 231
9666 ÷ ... = 3222	.... ÷ 4 = 1002	.... ÷ 4 = 32
168 ÷ ... = 42	.... ÷ 4 = 405	.... ÷ 9 = 41
2416 ÷ ... = 604	.... ÷ 5 = 505	.... ÷ 2 = 2063
8612 ÷ ... = 4306	.... ÷ 4 = 304	.... ÷ 6 = 604
255 ÷ ... = 51	.... ÷ 6 = 205	812 ÷ ... = 203
369 ÷ ... = 123	.... ÷ 8 = 1103	120 ÷ ... = 20
3200 ÷ ... = 800	.... ÷ 5 = 102	6009 ÷ ... = 2003
4008 ÷ ... = 1002	.... ÷ 6 = 305	2008 ÷ ... = 502
8012 ÷ ... = 2003	.... ÷ 7 = 203	2807 ÷ ... = 401
7014 ÷ ... = 1002	.... ÷ 6 = 403	2408 ÷ ... = 602



2 4 3	6 2	1 1 1	3 0 1	2 0 2
2 ⟌	4 ⟌	5 ⟌	3 ⟌	4 ⟌ ....
3204	901	3004	2004	303
3 ⟌	5 ⟌	3 ⟌	4 ⟌	5 ⟌ ....
203	405	301	401	2014
... ⟌ 1218	... ⟌ 2835	... ⟌ 2408	... ⟌ 3609	... ⟌ 4028
1003	1003	1003	601	1006
... ⟌ 3009	... ⟌ 4012	... ⟌ 5015	... ⟌ 3606	... ⟌ 7042



$\frac{844}{\dots\dots} = 211$ $\frac{\dots\dots}{5} = 110$ $\frac{\dots\dots}{2} = 142$

$\frac{246}{\dots\dots} = 82$ $\frac{\dots\dots}{4} = 82$ $\frac{9663}{\dots\dots} = 3221$

$\frac{4535}{\dots\dots} = 907$ $\frac{\dots\dots}{8} = 304$ $\frac{\dots\dots}{9} = 704$

$\frac{2800}{\dots\dots} = 400$ $\frac{\dots\dots}{6} = 201$ $\frac{\dots\dots}{5} = 901$

$\frac{9081}{\dots\dots} = 1009$ $\frac{\dots\dots}{4} = 807$ $\frac{6018}{\dots\dots} = 1003$

$\frac{1000}{\dots\dots} = 200$ $\frac{\dots\dots}{2} = 500$ $\frac{20000}{\dots\dots} = 5000$

.... ÷ 3 = 100	100 ÷ ... = 50	.... ÷ 2 = 2000
.... ÷ 2 = 3001	8004 ÷ ... = 4002	6012 ÷ ...... = 2004

1003	3004	800	3000	2010
5 |	... | 9012	5 |	... | 9000	4 | ....

$\frac{4505}{\dots\dots} = 901$ $\frac{\dots\dots}{2} = 3004$ $\frac{7200}{\dots\dots} = 800$

$\frac{\dots\dots}{4} = 302$ $\frac{3608}{\dots\dots} = 902$ $\frac{\dots\dots}{3}$ 3100

Answer the following :

The quotient of 505 by 5 is ....

The quotient of 726 by 6 is ....

The quotient of 824 by 4 is ....

How many nines are there in 981 ?

the number of threes = ...

How many threes are there in 279 ?

the number of threes = ...

How many sevens are there in 2135 ?

the number of threes = ...

A merchant wanted to put 626 pieces of candy in two pakets so that each packet would contain the sam number of pieces . What is the number of pieces in each packet ?

the number of pieces in each packet

= ....

Samia and mariam's father distributed among them 226 pounds equally . What is the share of each one ?

the share of each one =..

Trucks transports vegetables an fruits to a market. If 9009 kg Of vegetables are equally transported by 9 trucks in one day. How many kilograms does each car carry in one day ?

Each car carries =..



The capacity of each box is 9 butter tins , How many boxes do we need to put 270 tins ?
Number of boxes = ...

The capacity of each box is 7 butter tins , How many boxes do we need to put 280 tins ?
Number of boxes = ...

A headmaster bought 45 lamps to enlight the school , He put 3 lamps in each class, how many classes are there ?
Number of classes = ...

The number of children in the school is 240 Children . if these children are distributed equally among six classes .
How many children are going to be in each class ?
The number of children in each class
= ....

An equally number of children are vaccinated against polio in one minstry of health clinics . If 328 children are vaccinated in 8 days . How many children were vaccinated in 5 days .
The number of children vaccinated in one day
= ....
The number of children vaccinated in 5 days
= ....

Sarah paid LE 636 to buy 6 T-shirts of the same kind and price
What is the price of each T-shirt?
the price of each T-shirt = ...

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1 Find the result of each of the following :

(1) 266 8 ÷ 2 = ……… (2) 4214 ÷ 7 = ………

(3) 623 × 7 = ……… (4) 450 × 100 = ………

2 Choose the correct answer :

(1) (35 ÷ 7) ……… (32 ÷ 8) (< or = or >)

(2) 66 metres = ……… centimetres. (660 or 6 600 or 66 000 or 6 006)

(3) 10 × 20 = ……… hundreds (2 or 20 or 200 or 2 000)

(4) 54 ÷ 6 ……… 36 ÷ 4 (< or = or >)

3 Complete each of the following :

(1) 36 36 ÷ ……… = 606 (2) ……… ÷ 2 = 123

(3) 7 × 6 × 10 = ……… (4) 5000 × ……… = 10 000

4 Complete using (<) , (=) or (>) :

(1)	4536 ÷ 9	☐	3528 ÷ 7
(2)	450 X 20	☐	30 X 30
(3)	50 metres	☐	500 centimeters
(4)	10 X 10 X 10	☐	100 X 100

5 Mona wants to buy balls for LE 183 . if the cost of one ball is LE 3 . How many books can he buy ?

He can buy = ………………………………………………

Exercises on Unit 1

First questions: Write the following numbers in digits

1) Forty five tens = ...

2) ten = ...

3) Seventy = ...

4) Twenty three hundreds = ...

5) Sixty four tens = ...

6) Fifteen tens = ...

7) Ninety eight tens = ...

8) Nine tens = ...

9) Thirty one tens = ...

10) Five hundreds and sixty tens = ...

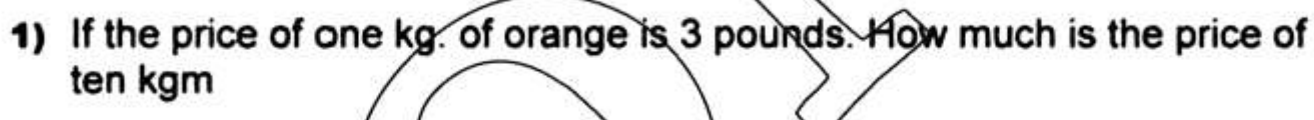
11) Two hundreds = ...

12) Three hundreds tens = ...

13) Two tens = ...

14) Nine hundreds = ...

The Second questions :



1) If the price of one kg. of orange is 3 pounds. How much is the price of ten kgm

The price of the orange = ... × .... = ... pounds.

2) Karol takes 5 pounds from her father every day. Calculate what karol takes in a week?

Karol takes in a week = ... × .... = ... pounds.

3) There are two fish`s aquarium, the price of each is 250 pounds. What is the price of two aquariums?

the price of two aquariums = ... × .... = ... pounds.

4) Osama bougth three boxes of colour, the price of each is ten pounds. Calculate what Osama paid.

Osama paid = ... × .... = ... pounds.

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The third questions :
In a shop for saling electric sets, The price of electric sets was shown on it Complete the following :

The type	The number	The price of the unit	Total price
Fridge	20	2000	....
Fan	25	200	....
hot air set	30	300	....
heater	15	200	....
blender	10	100	....
The sun			....

The fourth question: Choose the correct answer from those between brackets: (> , < , =)

1) 400 × 2 ☐ 900 × 10

2) 3 × 4 × 10 ☐ 15 × 10

3) 30 × 5 × 2 ☐ 300

4) 25 × 4 × 20 ☐ 6000

5) Two tens + 5 tens ☐ 80

6) 700 ☐ 2 × 35 × 5

7) 3900 ☐ thirty nine tens

8) 7 × 20 × 50 ☐ 6000

9) eight thousands ☐ 7500 + 500

10) 2000 + 200 ☐ 4000

11) 4500 ☐ Forty five tens

12) 800 + 200 ☐ Two thousands

The fifth question:

1) 4 × .... × 100 = 12 × .... = ...

2) 6 × 3 × 100 = ...

3) 5 tens + one ten = ...

4) .... × .... × 1000 = 3000

5) Seven tens = ...

6) 2 × 5 × 28 = 28 × .... = ...

7) 30 × 300 = ...

8) 66 × 1000 = ... thousands

9) 10 × 1000 = ... and it is read ....

10) 4 × 250 = ... × 500

11) 5350 metres = ... kilometres + 350 metres

12) 4 × 6 × 10 = ... × 10

13) 4 metes = ... cm

14) 200 + 300 + 500 = ...

15) 9 × .... = 900

16) 8000 = 2000 × ....

17) 3 × 5 = ...

18) 2000 = ... ×2000

19) Thirty tens = ...

20) 650 + ... = 750

21) 7 × 200 = 7 × .... × ....

22) 3000 = 500 + ...

23) Twenty four hundreds = ...

Sixth question: using the numbers

5775 , 4884 , 123 , 5770 , 1221

a - The odd numbers are ....

b - The even number are ....

012 74 13 30 74 - 012 10 90 18 17

Seventh question: Choose the correct answer from the brackets :

1) 804 ÷ 4 = ... (21 , 201 , 4)

2) 36 ÷ 6 ☐ 36 ÷ 4 (> , < , =)

3) 3003 ☐ 1001 × 3 (> , < , =)

4) 25 ÷ 5 ☐ 25 ÷ 25 (> , < , =)

5) 8109 ÷ 9 ☐ 91 (> , < , =)

6) 108 ÷ 2 ☐ 7 (> , < , =)

7) 2061 ÷ 9 ☐ 2061 × 9 (> , < , =)

8) 8080 ÷ 8 = ☐ (1010 , 110 , 101)

9) 460 × 10 = ☐ (460 , 4600 , 406)

10) 9300 ÷ 3 = ☐ (100 , 3100, 310)

11) 777 ÷ 7 = ☐ (11 , 111, 101)

Eight question

a) Bakar bought 164 notebooks, he distributed them equally among his 4 brothers. How many notebooks did each son take?

The share of each brother = ... = ... note books

b) In your school there are 150 pupils in the third primary, they were distributed equally among 3 classes. How many pupils are there in each class?

Number of pupils = ... ÷ .... = ... pupils

Activities (unit 1)

If you know that 7 × 5 = 35 , 7 × 6 = 42 , 7 × 8 = 56

use these equalities to complete :

7 × 11 = ... + ... = ... , 7 × 14 = ... + ... = ...

7 × 13 = ... + ... = ... , 7 × 19 = ... + ... + ... = ...

If you know that 8 X 5 = 40 , 8 X 6 = 48 , 8 X 7 = 56

Use these equalities to complete :

8 X 11 = ... + ... = ... , 8 X 13 = ... + ... = ...

8 X 12 = ... + ... = ... , 8 X 18 = = ...+ ......+ ...... = ...

If you know that 6 X 6 = 36 , 6 X 7 = 42 , 6 X 5 = 30

Use these equalities to complete :

6 X 13 = ... + ... = ... , 6 X 12 = ... + ... = ...

6 X 11 = ... + ... = ... , 6 X 18 = = ...+ ......+ ...... = ...

If you know that 49 × 7 = 343 , 49 × 30 = 1470 Complete:

49 × 70 = ... , 49 × 3 = ...

49 × 77 = ... + ... = ... , 49 × 33 = ... + ... = ...

49 × 37 = ... + ... = ... , 49 × 73 = ... + ... = ...

If you know that 23 X 4 = 92 , 23 X 6 = 138

Use these equalities to complete :

23 X 40 = ... 23 X 60 = ...

23 X 46 = ... + ... = ... 23 X 64 = ... + ... = ...

23 X 44 = ... + ... = ... 23 X 66 = ... + ... = ...

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If you know that 37 X 3 = 111 , 37 X 80 = 2960

Use these equalities to complete :

37 X 30 = ... 37 X 8 = ...

37 X 38 = ... + ... = ... 37 X 83 = ... + ... = ...

37 X 33 = ... + ... = ... 37 X 88 = ... + ... = ...

If 32 = 2 + 3 + (3 × 9) 75 = 5 + 7 + (7 × 9)

Complete the following equalities (in the same way) :

68 = 8 + ... + (6 × ....) **47 = 7 + 4 + (4 × ....)**

96 = ...

84 = ...

59 = ...

49 = ...

76 = ...

Complete :

7 X 5 = (7 X 3) + (7 X ...) = ... + ... = ...

8 X 9 = (8 X 5) + (8 X ...) = ... + ... = ...

3 X 9 = (3 X 2) + (3 X ....) = ... + ... = ...

1 Complete each of the following :

(1) $6 + 6 + 6 + 6 = 6 \times$ ....

(3) $3 \times$ .... $= (3 \times 5) + 3$

(2) $7 \times 7 = (7 \times 4) + (7 \times$ ....)

(4) $9 \times 8 =$ .... $\times 9$

2 Choose the correct answer :

(1) 2×8 ☐ 4×4 (< or = or >)

(2) $43 \times 6 = 42 \times 6 +$ .... (6 or 4 or 3)

(3) $7 \times 7 = (7 \times 8) -$ .... (1 or 0 or 7 or 6)

(4) $(4 \times 2) \times 6 =$ .... (8 or 14 or 48 or 84)

3 Find the result of each of the following , then arrange the results in a descending order :

(9×3) , (5×7) , (7×2) and (4×8)

The order is : ....

4 Find the result of each of the following :

(1) $(3 \times 8) + 76 =$ ....

(2) $(9 \times 9) - 31 =$ ....

(3) $(8 \times 7) + 196 =$ ....

(4) $(5 \times 5) - 20 =$ ....

5 Look at the price list and answer the following questions :

	Price list
(1)	2 pounds for each pen.
(2)	4 pounds for each book.
(3)	7 pounds for each kilogram of apples.

(1) What is the price of 5 kilograms of apples ?

The price of apples = ... × .... = ... pounds.

(2) What is the price of 9 pens ?

The price of pens = ... × .... = ... pounds.

(3) What is the price of 3 books ?

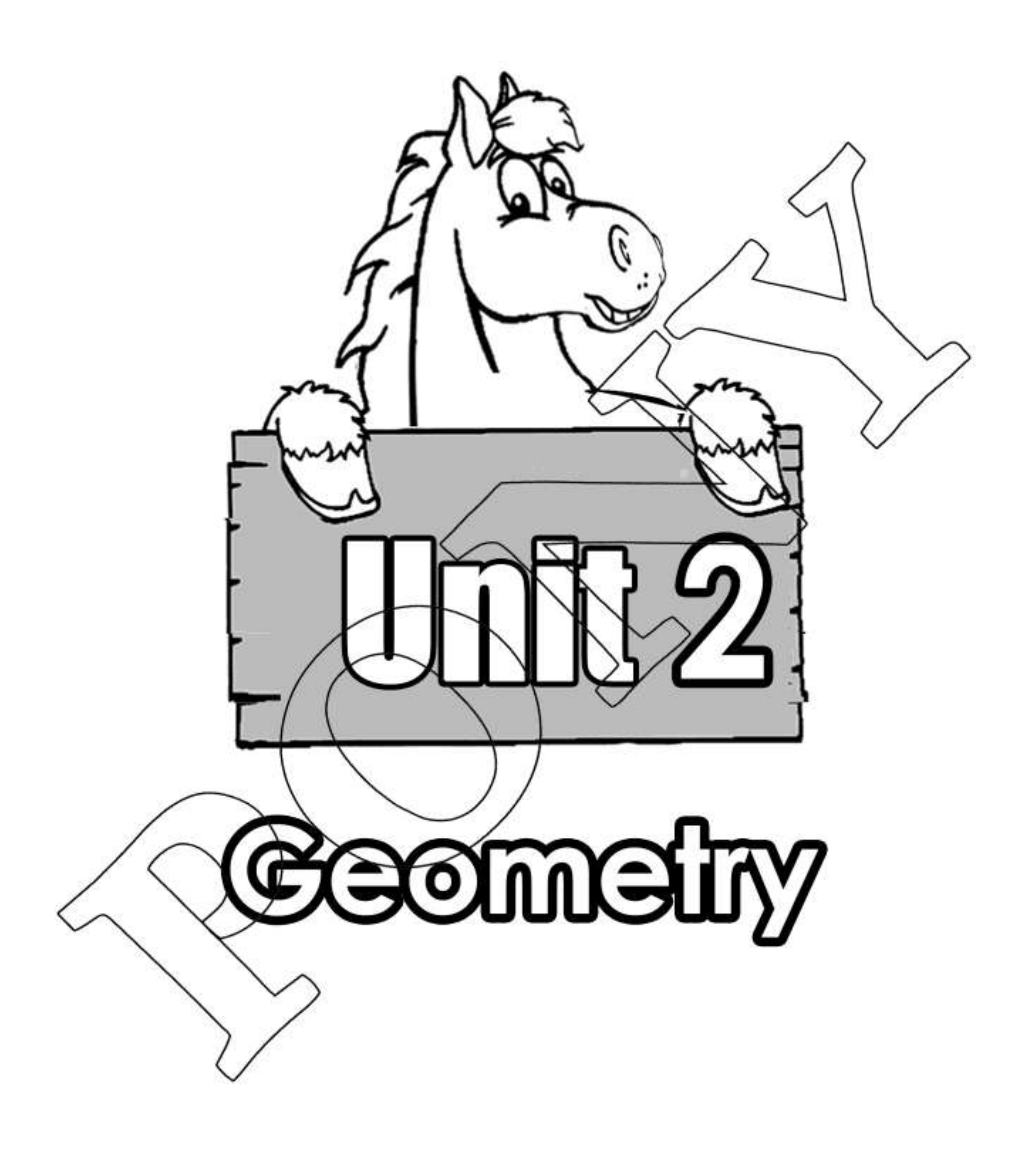
The price of books = ... × .... = ... pounds.

(4) What is the price of 2 books and 3 pens ?

The price of books and pens = ... × .... + ... × ....

= .... + ... = ... pounds.

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Unit 2
Geometry



find the perimeter of each of the following figures :

(1) (2) (3) (4)

(5) (6) (7) (8)

(9) (10) (11) (12)

The polygon	(1)	(2)	(3)	(4)	(5)	(6)
The perimeter						

The polygon	(7)	(8)	(9)	(10)	(11)	(12)
The perimeter						

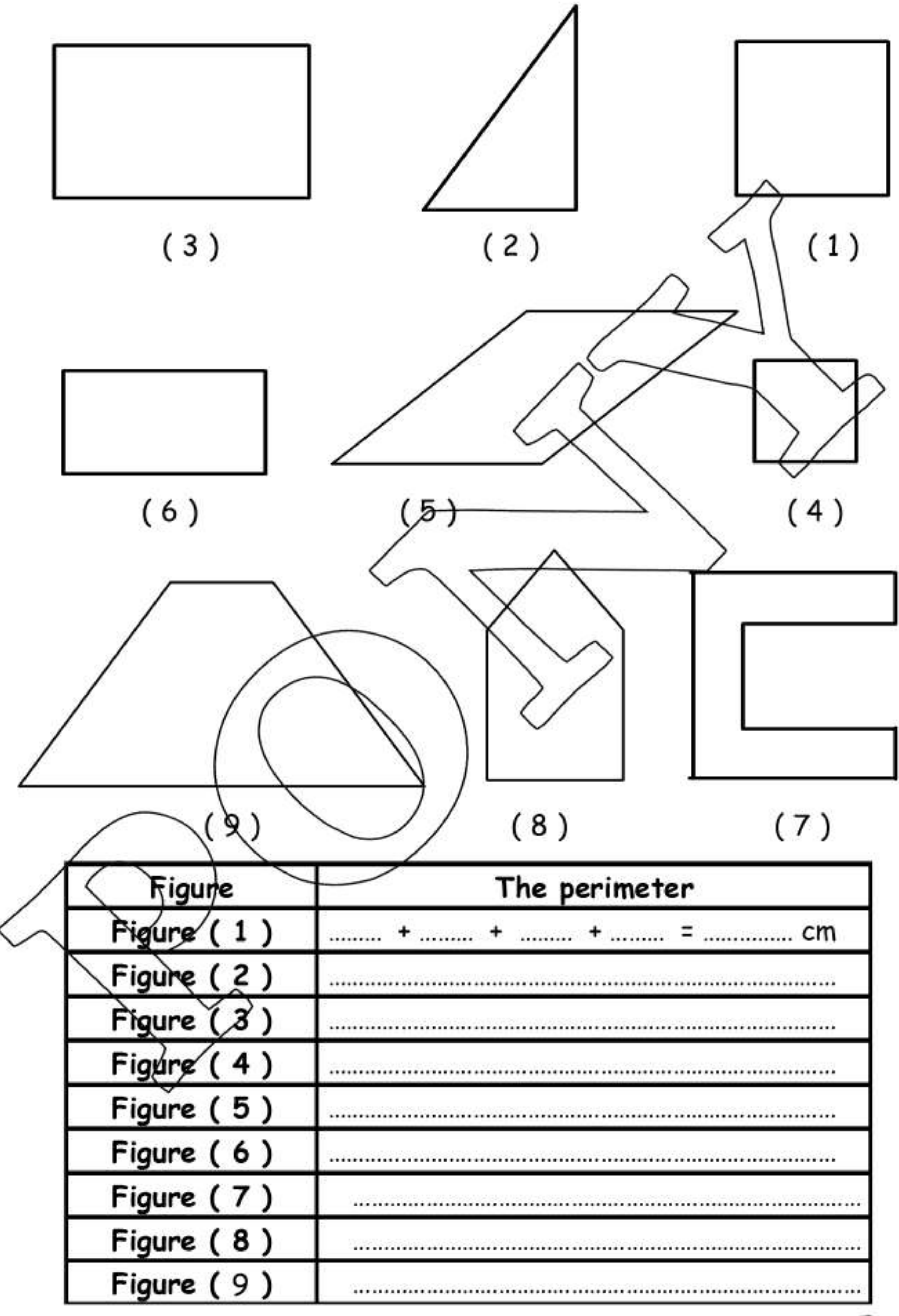


Figure	The perimeter
Figure (1)	.... + ... + ... + ... = ... cm
Figure (2)	....
Figure (3)	....
Figure (4)	....
Figure (5)	....
Figure (6)	....
Figure (7)	....
Figure (8)	....
Figure (9)	....

Calculate the perimeter of a triangle whose sides are 4,5,and 8 cm
The perimeter = ……………………………………………………………………

Calculate the perimeter of a triangle whose sides are 3,7,and 9 cm
The perimeter = ……………………………………………………………………

Calculate the perimeter of a triangle whose sides are 5,5,and 5 cm
The perimeter = ……………………………………………………………………

Calculate the perimeter of a triangle whose sides are 7,5,and 6 cm
The perimeter = ……………………………………………………………………

the perimeter of a triangular piece of land is 200 m
Find the length of its third side if you know that the sum of two sides is 140 metres.

……………………………………………………………………………………………

the perimeter of a triangular piece of land is 175 m
Find the length of its third side if you know that the sum of two sides is 105 metres.

……………………………………………………………………………………………

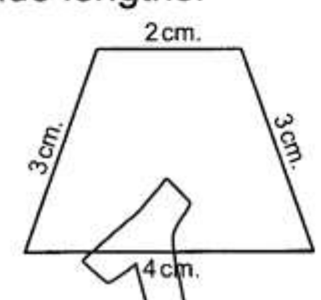
the perimeter of a triangular piece of land is 300 m
Find the length of its third side if you know that the sum of two sides is 210 metres.

……………………………………………………………………………………………

1 Complete each of the following :

(1) The perimeter of any polygon is ········ of its side lengths.

(2) The perimeter of the opposite figure = ·········· cm.



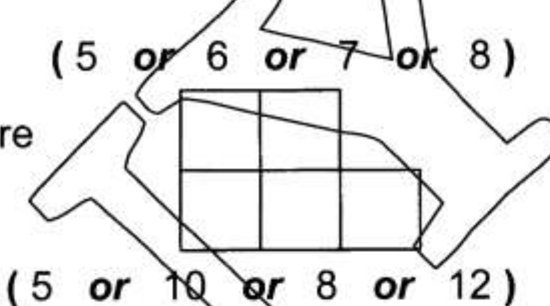
(3) The perimeter of a triangle of side lengths 6 cm. ، 8 cm. and 10 cm. is ········ cm.

(4) 19 pounds = ········ piastres.

2 Choose the correct answer :

(1) (5 × 2) + (5 × 4) = 5 × ········ **(** 5 **or** 6 **or** 7 **or** 8 **)**

(2) The perimeter of the shown figure = ········ units.



(5 **or** 10 **or** 8 **or** 12 **)**

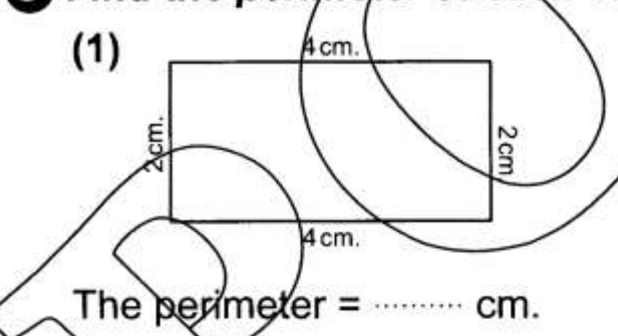
(3) The perimeter of a triangle is 12 cm. ، if the sum of two of its sides is 9 cm. ، then the length of the third side is ········ cm.

(21 **or** 6 **or** 4 **or** 3 **)**

(4) 903 ÷ 3 = ········ **(** 31 **or** 13 **or** 301 **or** 300 **)**

3 Find the perimeter of each of the following :

(1)

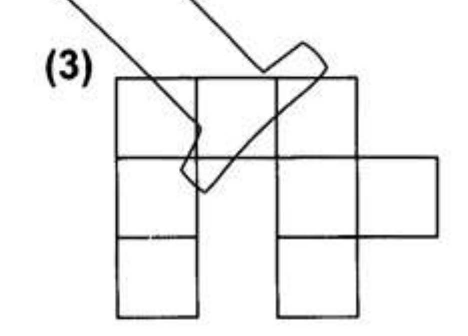


The perimeter = ········ cm.

(2)

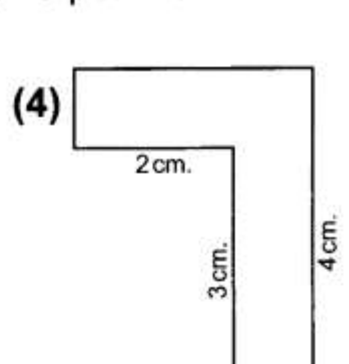
The perimeter = ········ cm.

(3)

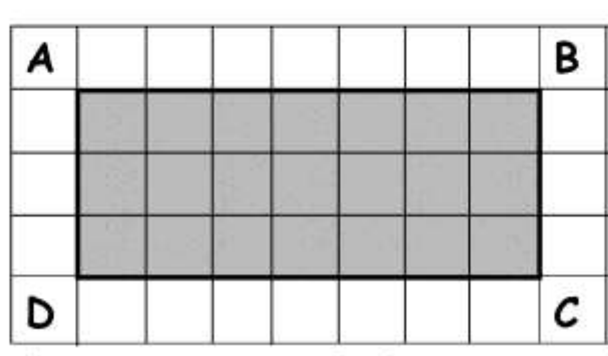


The perimeter = ········ cm.

(4)

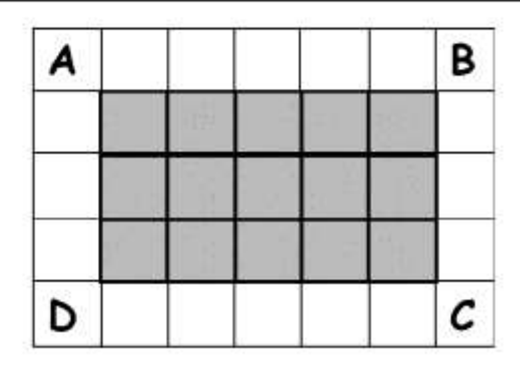


The perimeter = ········ cm.



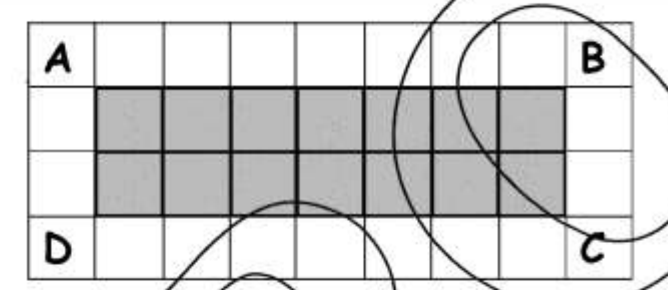
The perimeter of the rectangle

ABCD = ... + ... + ... + ... = ... cm



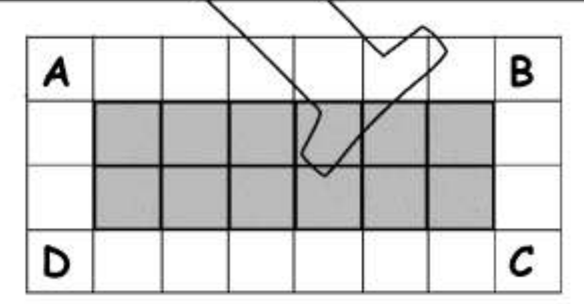
The perimeter of the rectangle

ABCD = ... + ... + ... + ... = ... cm



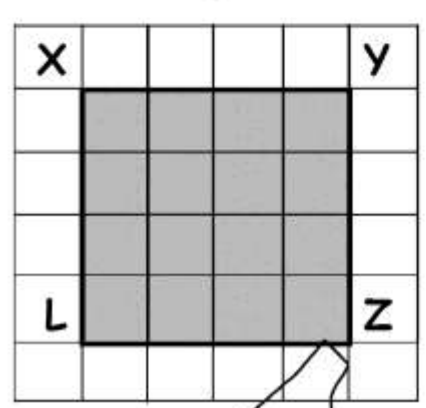
The perimeter of the rectangle

ABCD = ... + ... + ... + ... = ... cm



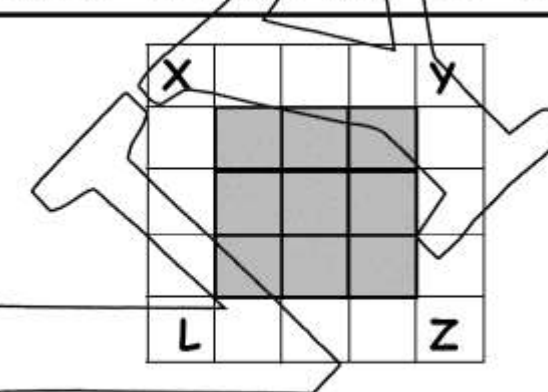
The perimeter of the rectangle

ABCD = ... + ... + ... + ... = ... cm



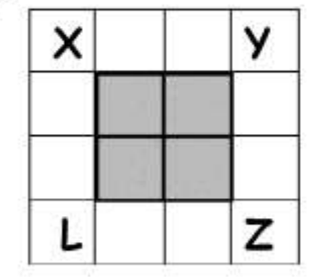
The perimeter of the square

XYZL = ... + ... + ... + ... = ... cm



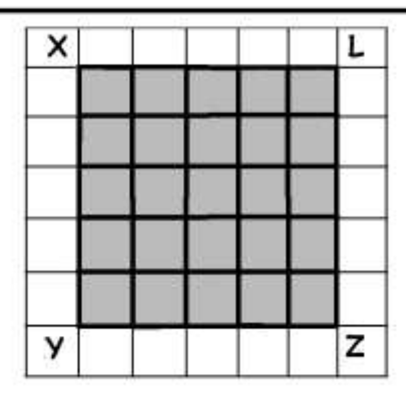
The perimeter of the square

XYZL = ... + ... + ... + ... = ... cm



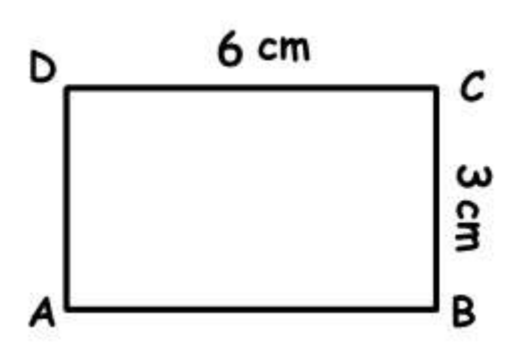
The perimeter of the square

XYZL = ... + ... + ... + ... = ... cm



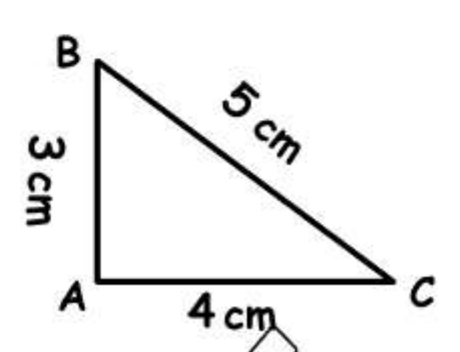
The perimeter of the square

XYZL = ... + ... + ... + ... = ... cm



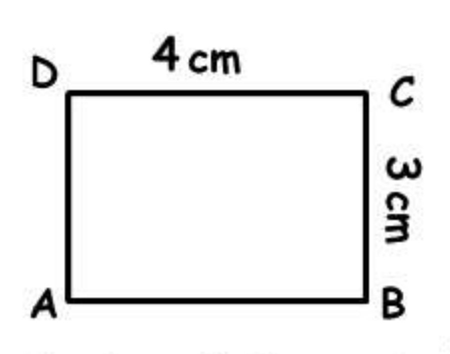
The perimeter of the rectangle

ABCD = ... + ... + ... + ... = ... cm



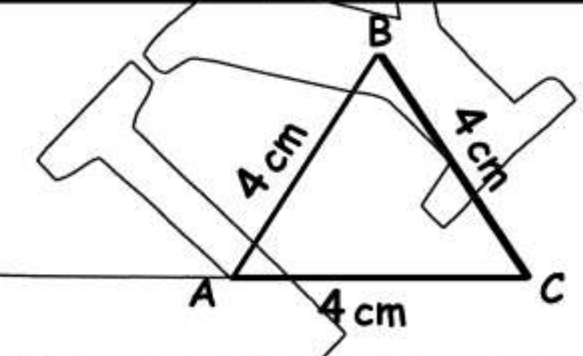
The perimeter of the triangle

ABC = ... + ... + ... = ... cm



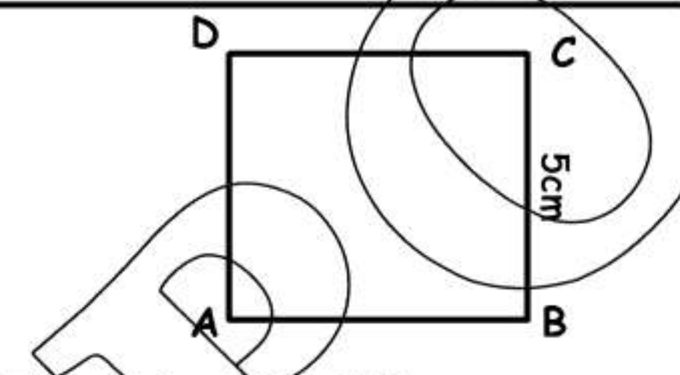
The perimeter of the rectangle

ABCD = ... + ... + ... + ... = ... cm



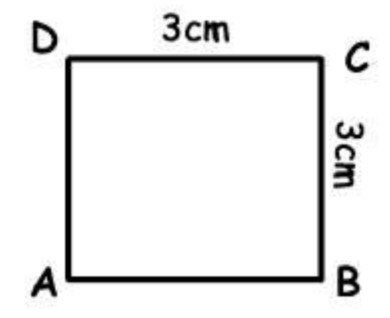
The perimeter of the triangle

ABC = ... + ... + ... = ... cm



The perimeter of the square

ABCD = ... + ... + ... + ... = ... cm

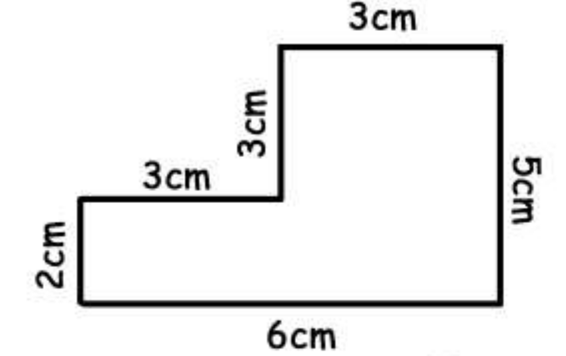


The perimeter of the square

ABCD = ... + ... + ... + ... = ... cm

The perimeter of the figure

= ......+ ......+ ......+ ......+ ......+ ...... = ... cm





the perimeter of rectangle = (length + width) X 2

The perimeter of square = side lenght X 4

Complete : the perimeter of

- the square whose side length 5 cm = ...X.........= ....cm
- the square whose side length 4 cm = ...X.........= ....cm
- the square whose side length 8 cm = ...X.........= ....cm
- the square whose side length 7 cm = ...X.........= ....cm
- the rectangle whose length 8 cm and its width 4 cm
  = (....... +........) X ..... = ...cm
- the rectangle whose length 16 cm and its width 10 cm
  = (....... +........) X ..... = ...cm
- the rectangle whose length 10 cm and its width 8 cm
  = (....... +........) X ..... = ...cm
- the rectangle whose length 4 dm and its width 50 cm
  = (....... +........) X ..... = ...cm
- the rectangle whose length 2 m and its width 150 cm
  = (....... +........) X ..... = ...cm
- The triangle whose sides lenghts 4 cm , 7 cm and 6 cm
  = ... +........ +........ = ... cm
- The triangle whose sides lenghts 9 cm , 6 cm and 9 cm
  = ... +........ +........ = ... cm

❶ *Complete each of the following :*

3 cm.

(1) The perimeter of the opposite square

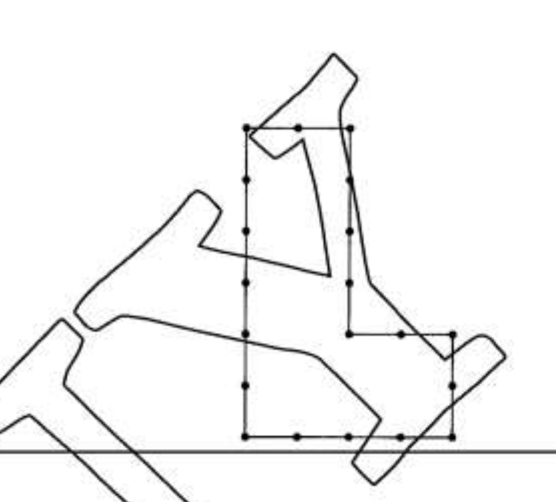
= .... cm.

(2) 10 × 7 = ...

(3) 4 444 ÷ .... = 1 111

(4) In the opposite figure :

If the distance between each two consecutive dots is 1 cm. , then the perimeter of the figure = ... cm.



❷ *Choose the correct answer :*

(1) The even number between 20 and 23 is ....

(20 ***or*** 21 ***or*** 22 ***or*** 24)

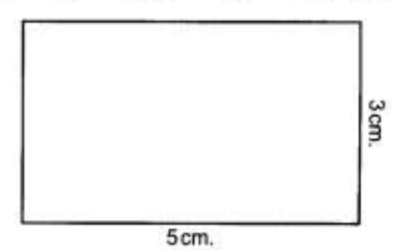
(2) The perimeter of the triangle of side lengths 4 cm. , 4 cm. and 6 cm.

= .... cm. (8 ***or*** 10 ***or*** 14 ***or*** 16)

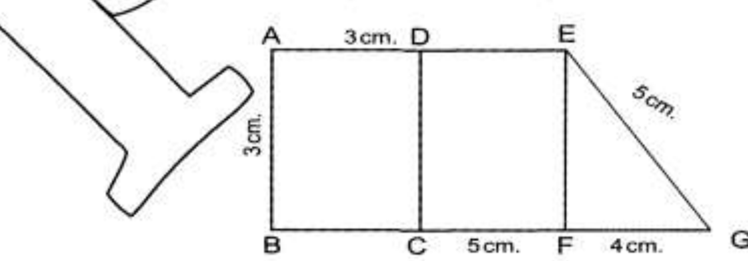
(3) 317 hundreds = ... (3 170 ***or*** 31 700 ***or*** 317 ***or*** 31 007)

(4) The perimeter of the opposite rectangle equals .... cm.

(8 ***or*** 10 ***or*** 16 ***or*** 6)



❹ *Find each of the following with the help of the following figure :*



(1) The perimeter of the square ABCD = ... = ... cm.

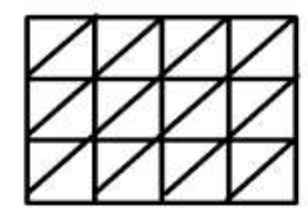
(2) The perimeter of the rectangle DCFE = ... = ... cm.

(3) The perimeter of the triangle EFG = ... = ... cm.

(4) The perimeter of the shape ABGE = ... = ... cm.

The Area

find the area of each of the following figures :



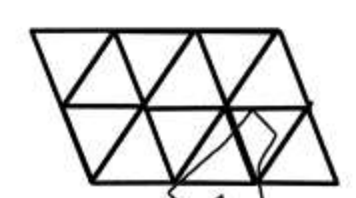
The area = ... (unit: square divided by diagonal)

The area = ... (unit: right triangle)



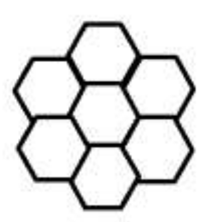
The area = ... (unit: triangle)

The area = ... (unit: rhombus)

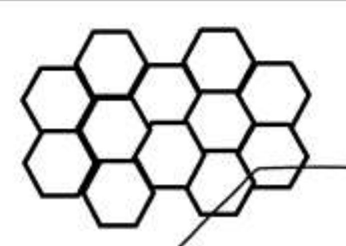


The area = ... (unit: triangle)

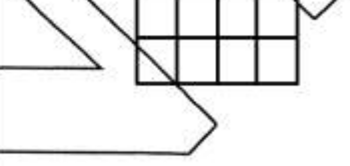
The area = ... (unit: two triangles)



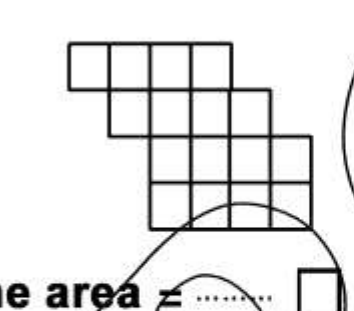
The area = ... (unit: hexagon)



The area = ... (unit: hexagon)



The area = ... (unit: square)



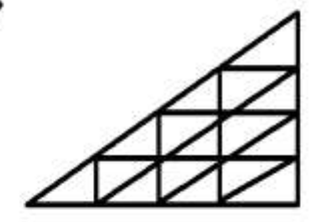
The area = ... (unit: square)

The area = ... (unit: two squares)



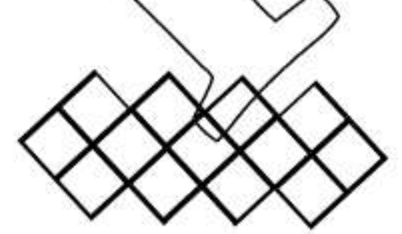
The area = ... (unit: triangle)

The area = ... (unit: rhombus)

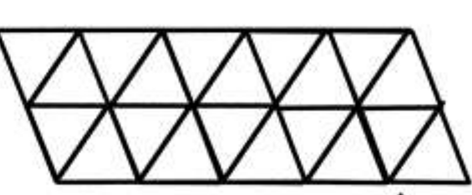


The area = ... (unit: rectangle)

The area = ... (unit: right triangle)



The area = ... (unit: square)

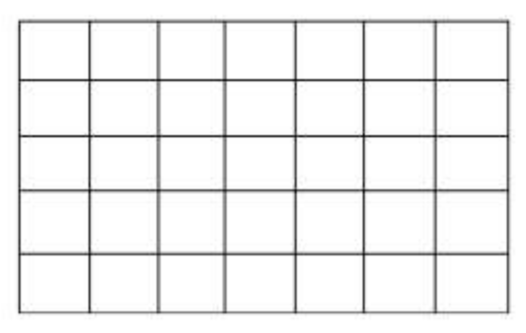


The area = ... (unit: triangle)

The area = ... (unit: two triangles)

The area = ... (unit: four triangles)

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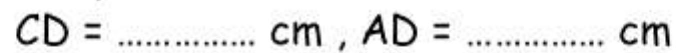


On the lattice , Draw the rectangle ABCD in which :

AB = 3 cm and BC= 5 cm



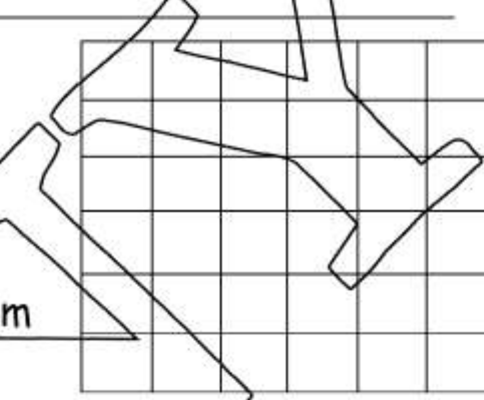
Complete :



CD = …………… cm , AD = …………… cm

Its perimeter = …………………………………… = …………… cm

Its area = …………… ☐



On the lattice , Draw the square XYZL in which XY = 4 cm

Complete :

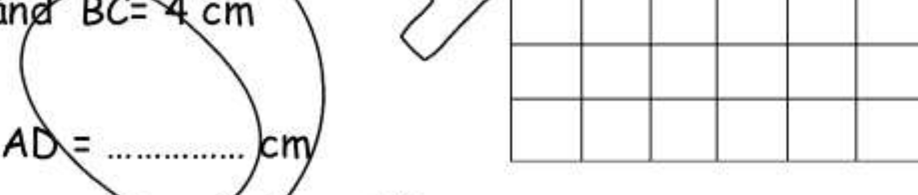
YZ =…… cm , ZL = …… cm , XL = …… cm

Its perimeter = ………………………………= …… cm

Its area = ………… ☐

On the lattice , Draw the rectangle ABCD in which :

AB = 2 cm and BC= 4 cm

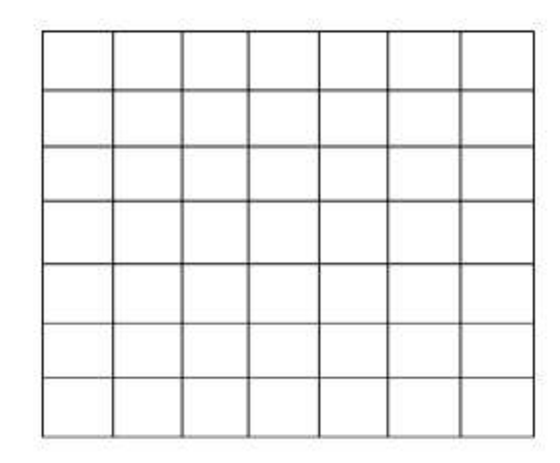


Complete :

CD = …………… cm , AD = …………… cm

Its perimeter = …………………………… = …… cm

Its area = …………… ☐



On the lattice , Draw the square XYZL in which XY = 5 cm

Complete :

YZ =…… cm , ZL = …… cm , XL = …… cm

Its perimeter = …………………………………

= …… cm

Its area = …………… ☐

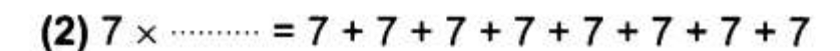
1 *Complete each of the following :*

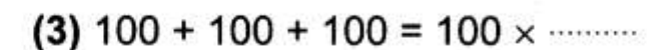
(1) In the opposite figure :

(a) The perimeter = ... cm.

(b) The area = ... □

1 cm.


(2) 7 × .... = 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7


(3) 100 + 100 + 100 = 100 × ....

---

2 *Choose the correct answer :*

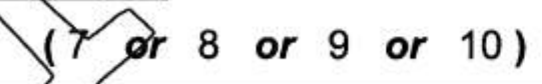
(1) 5 050 ÷ 5 = ... (1 001 ***or*** 1 100 ***or*** 1 010 ***or*** 101)

(2) The area of .... the area of (< ***or*** = ***or*** >)

(3) 232 × .... = 23 200 (100 ***or*** 10 ***or*** 1 000 ***or*** 101)

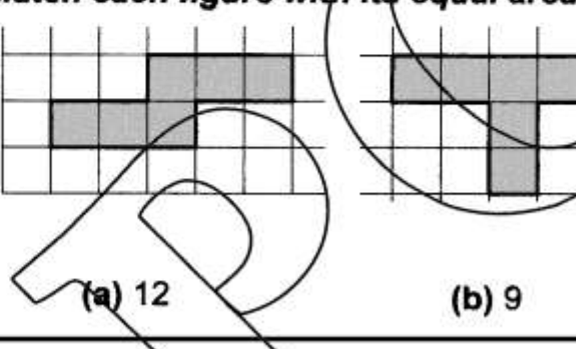
(4) The area of the opposite figure

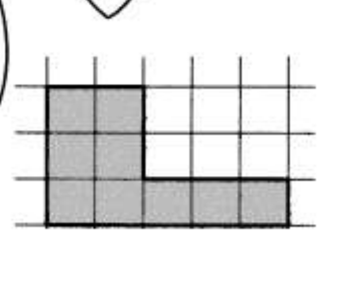

= ....

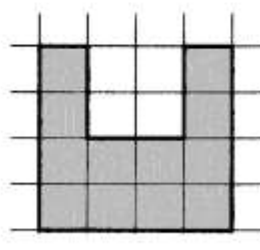

(7 ***or*** 8 ***or*** 9 ***or*** 10)

---

3 *Match each figure with its equal area :*







(a) 12 **(b)** 9 **(c)** 7 **(d)** 6

---

4 *Find the perimeter and the area of each of the following figures :*

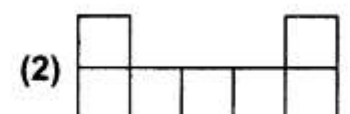
(1)



The perimeter = ... units.

The area = ... ◺ = ... ⧅

(2)



The perimeter = ... units.

The area = ... □

Exercises on unit 2

Answer the following questions :

1) Find the perimeter of the square whose side length is 3 cm

The perimeter of the square = ... X .... = ... cm

2) Find the perimeter of the triangle whose side lengths are 5 cm , 7cm , and 10 cm

The perimeter of the triangle = ... + ... + ... + ... = ... cm

3) The side lengths of a triangle are equal, each of them equals 7cm

Find the perimeter of the triangle

The perimeter of the triangle = ... + ... + ... = ... cm

4) A rectangle, its length = 5 cm. and its width = 3 cm. Calculate its perimeter.

The perimeter = ... = ... cm

5) ABC is a traingle where AB = 3 cm. AC = 5 cm. and BC = 4 cm.

Calculate: The perimeter of $\triangle$ ABC

The perimeter of $\triangle$ ABC = ... + ... + ... = ... cm

6) The perimeter of any polygon = ...

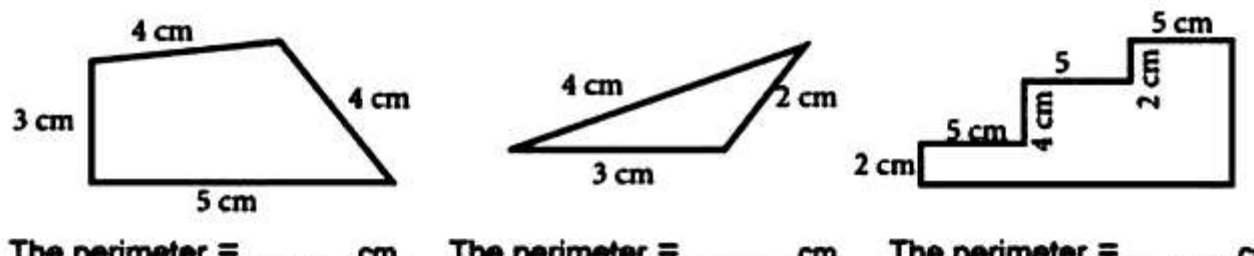
The perimeter of the square = the side length X ....

The perimeter of the rectangle = (length + ...) X ....

7) A triangle piece of land, its perimeter = 100m . If the sum of the length of two sides of it = 70m. Find the length of the third side.

The length of the third side = ... = ... m

8) Calculate the perimeter of each of the following shapes

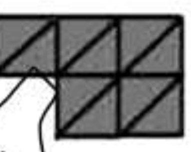


The perimeter = ... **cm.** **The perimeter =** .... **cm** **The perimeter =** .... **cm**

9) A triangular piece of land, the sum of two of its sides equals 90 m, its perimeter is 120 m, Find the length of its third side

the length of its third side = ... = ... m

(10) In the opposite figure: Find :

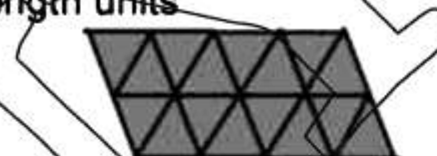


1 - The area of the figure = ... square units.

2 - The perimeter of the figure = ... length units

(11) In the opposite figure: Find

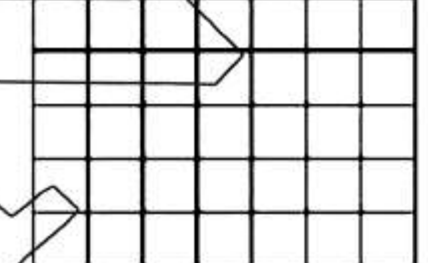
1 - The perimeter of the figure = ... length units

2 - The area of the figure = ... 

3 - The area of the figure = ...

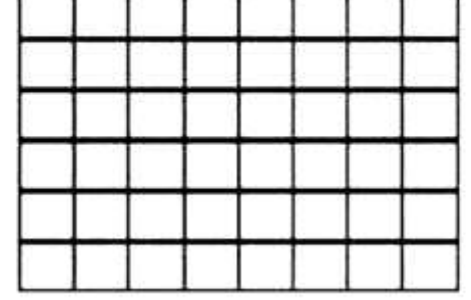
(12) On the square lattice

Draw a figure of area 10 square unit .



(13) On the square lattice

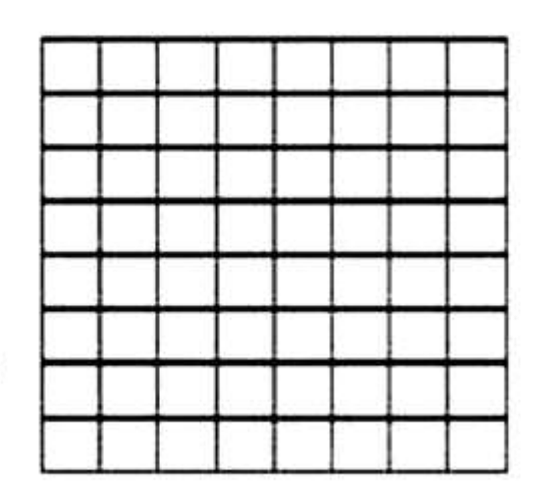
Draw a figure of perimeter 12 length unit.



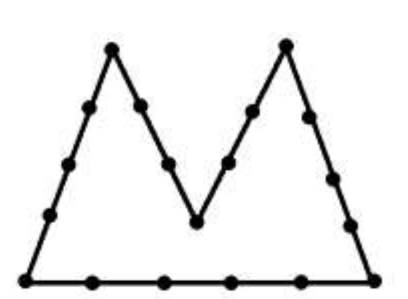
(14) On the square lattice draw :

(a) A figure of perimeter 8 length unit.

(b) Another figure of area 9 square units



(15) In the opposite figure: If the distance between any two consecutive points is one centimeter.
Find the perimeter of the figure.

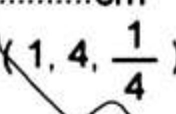


The perimeter of the figure= .... cm

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(16) Choose the correct answer from those between brackets :

(a) The perimeter of the square whose side length 1cm. is ....cm



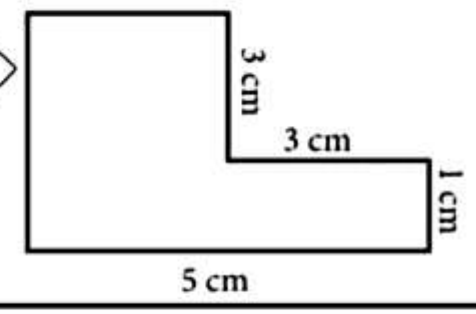
(1, 4, $\frac{1}{4}$)

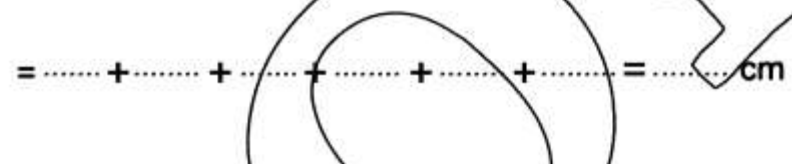
(b) The perimeter of the rectangle whose length is 4cm. and its width = 2 cm. Its perimeter = ... cm (12 , 14, 16)

(c) The perimeter of triangle whose sides lengths are 3cm, 4cm and 6cm equals .... cm. (13 , 14, 15)

---

(17) Calculate the perimeter of the opposite figure.

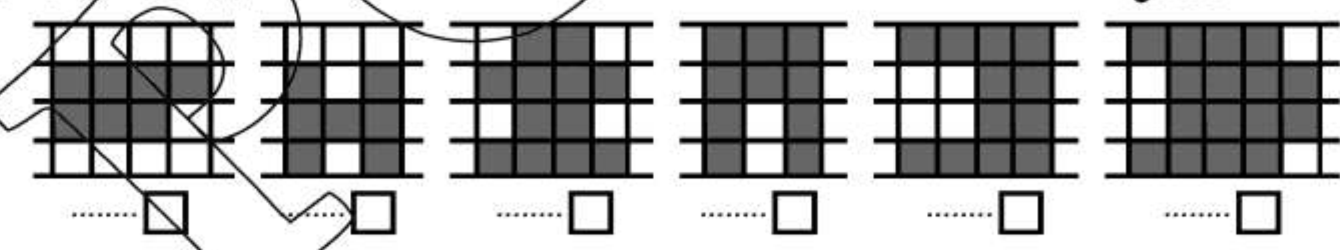




= .... + ... + ... + ... + ... + ... = ... cm

---

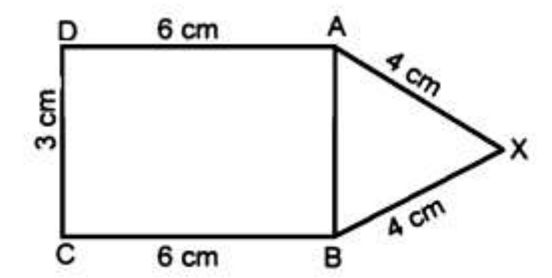
(18) In the opposite lattice : Calculate the area of each of the shaded figures



.... ☐ .... ☐ .... ☐ .... ☐ .... ☐ .... ☐

---

(19) In the opposite figure Find: :



a) The perimeter of the rectangle ABCD

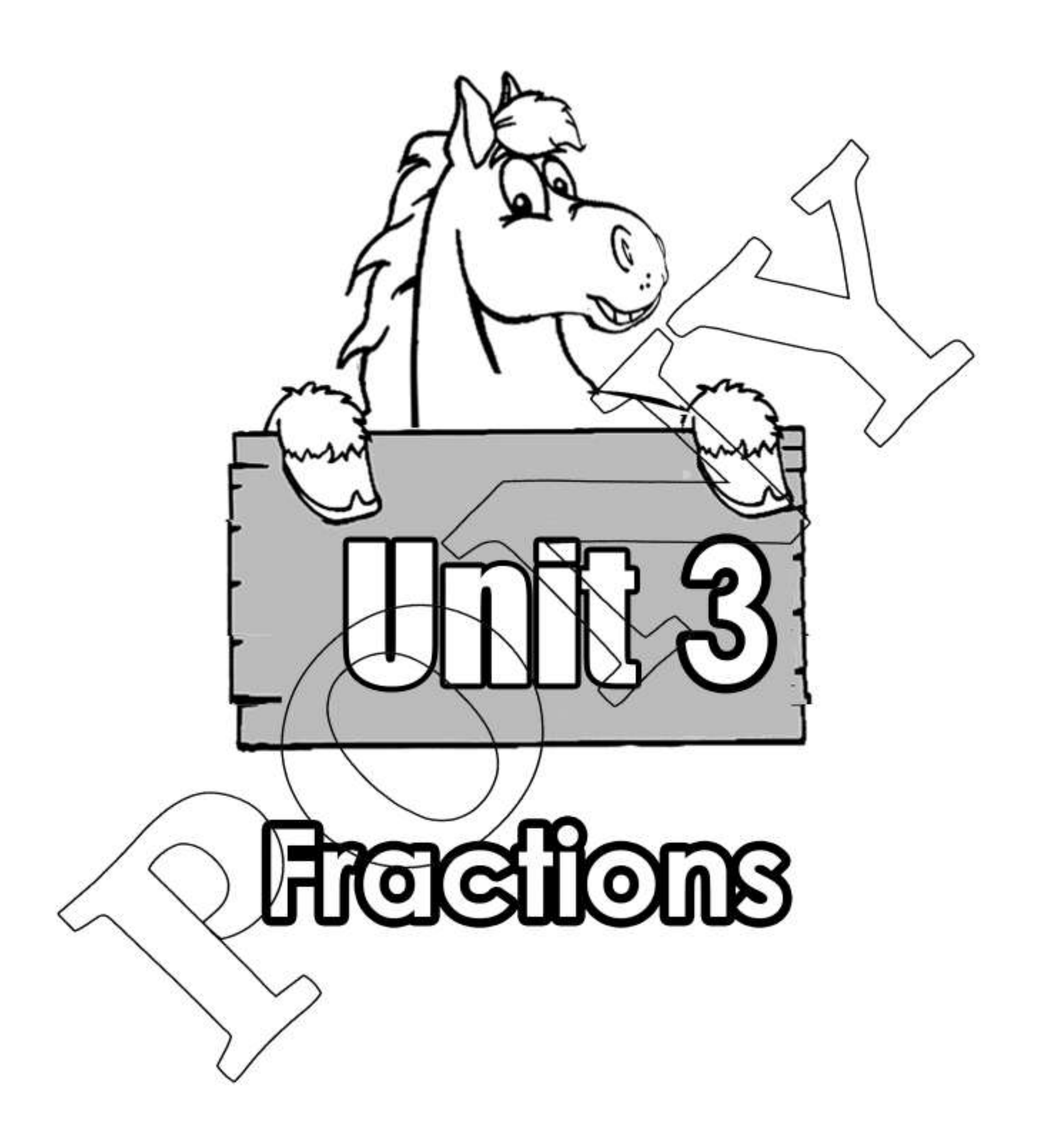
= .... + ... + ... + ... = ... cm

b) The perimeter of △ ABX

= .... + ... + ... = ... cm

c) The perimeter of the figure AXBCD

= .... + ... + ... + ... + ... = ... cm



Fractions

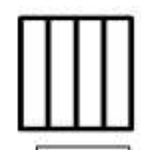
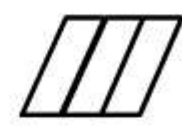
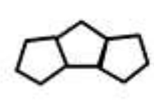
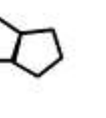
EXERCISES 1

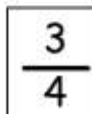
The meaning and Reading of fraction

Write the fraction which is represent the coloured part:

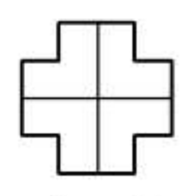
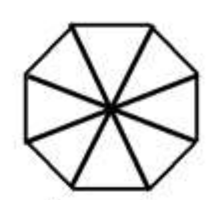


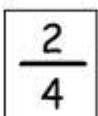
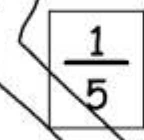
Colour a part which represents the fraction :

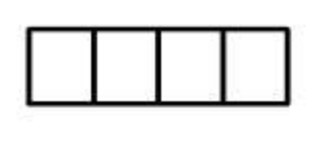
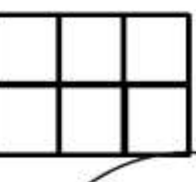
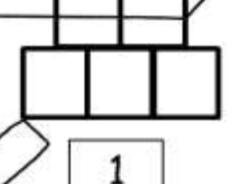
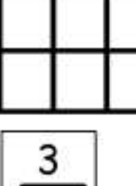


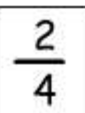
$\frac{3}{4}$ $\frac{2}{3}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

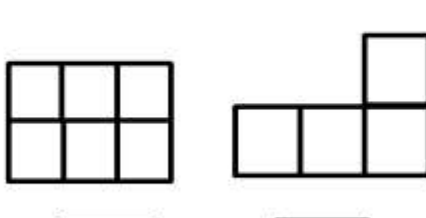
  

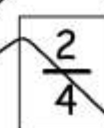
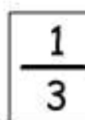
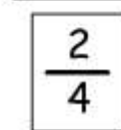
$\frac{2}{4}$ $\frac{5}{8}$ $\frac{4}{6}$ $\frac{1}{5}$ $\frac{3}{5}$

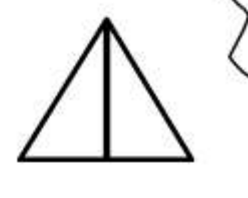
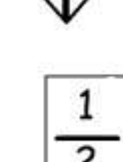
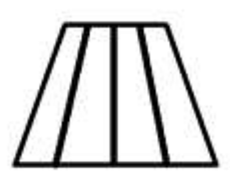
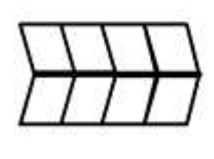


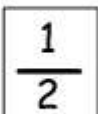
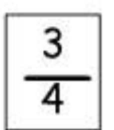
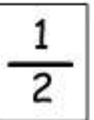
$\frac{2}{4}$ $\frac{5}{6}$ $\frac{2}{3}$ $\frac{1}{5}$ $\frac{3}{9}$



$\frac{2}{4}$ $\frac{1}{3}$ $\frac{2}{4}$ $\frac{1}{6}$ $\frac{3}{4}$

$\frac{1}{2}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{2}$

Write the fraction :

Half = …… Quarter = …… third = ……

Two thirds = …… three quarters = …… three fifths= ……

One fifth = …… two sixths = …… five sixths = ……

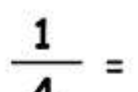
three eighths= …… five eighths = …… seven eighths= ……

Five ninths = …… four ninths = …… Four sevenths = ……

one tenth = …… seven tenths= …… three tenths = ……

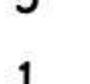
Write each fraction in words :

$\frac{2}{3}$ = …………………………… $\frac{3}{4}$ = ……………………………

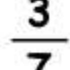


$\frac{1}{4}$ = …………………………… $\frac{2}{5}$ = ……………………………

$\frac{3}{5}$ = …………………………… $\frac{5}{6}$ = ……………………………



$\frac{1}{6}$ = …………………………… $\frac{1}{10}$ = ……………………………



$\frac{5}{7}$ = …………………………… $\frac{3}{7}$ = ……………………………

$\frac{1}{8}$ = …………………………… $\frac{3}{8}$ = ……………………………



$\frac{5}{8}$ = …………………………… $\frac{7}{8}$ = ……………………………

$\frac{1}{9}$ = …………………………… $\frac{2}{9}$ = ……………………………

$\frac{5}{9}$ = …………………………… $\frac{3}{10}$ = ……………………………

1 Complete each of the following :

(1) The fraction $\frac{9}{13}$ its numerator is .... and its denominator is ....

(2) $1 = \frac{.........}{7}$

(3) The numbers 119 , 113 , 91 and 221 are called .... numbers.

(4) $(9 \times 4) + (9 \times 5) = 9 \times$ ....

2 Choose the correct answer :

(1) Seven eighths = ... (78 or $\frac{6}{7}$ or 87 or $\frac{7}{8}$)

(2) $31 \times 1\,000$ = ... (301 or 310 or 31 000 or 3 100)

(3) The fraction that represents the shaded part of [triangle figure] is .... ($\frac{1}{3}$ or $\frac{1}{2}$ or $\frac{1}{5}$ or $\frac{1}{4}$)

(4) 4×235 = ... (904 or 940 or 490 or 9 400)

3 [a] *How many :*

(1) sevenths are there in one whole ? ....

(2) twelveths are there in one whole ? ....

[b] *Write the following fractions in words :*

(1) $\frac{7}{9}$ = ... (2) $\frac{3}{8}$ = ...

4 Put (✓) for the correct statement and (×) for the incorrect one :

(1) $\frac{3}{4}$ = four thirds ( )

(2) $200 + 200 + 200 = 100 \times 6$ ( )

(3) The fraction that its denominator is 5 and its numerator is 4 is $\frac{4}{5}$ ( )

(4) 5 400 gm. = 5 kg. and 4 gm. ( )

5 Write the fractions representing the shaded and not shaded circles :

	● ● ○ ● ● ○ ○ ●	● ○ ● ○ ● ● ● ○ ●
The balls that are shaded	$\frac{.....}{.....}$	$\frac{.....}{.....}$
The balls that are not shaded	$\frac{.....}{.....}$	$\frac{.....}{.....}$

Equale Fractions

Complete :

$\frac{6}{8} = \frac{3}{\dots}$	$\frac{5}{7} = \frac{10}{\dots}$	$\frac{3}{4} = \frac{9}{\dots}$
$\frac{\dots}{4} = \frac{1}{2}$	$\frac{3}{5} = \frac{\dots}{10}$	$\frac{2}{\dots} = \frac{8}{12}$
$\frac{9}{9} = \frac{3}{\dots}$	$\frac{5}{7} = \frac{20}{\dots}$	$\frac{3}{4} = \frac{6}{\dots}$
$\frac{\dots}{9} = \frac{2}{3}$	$\frac{1}{5} = \frac{\dots}{15}$	$\frac{2}{\dots} = \frac{4}{10}$
$1 = \frac{5}{\dots}$	$\frac{4}{\dots} = \frac{3}{3}$	$\frac{2}{2} = \frac{4}{\dots}$

$$1 = \frac{2}{\dots} = \frac{3}{\dots} = \frac{\dots}{4} = \frac{5}{\dots} = \frac{\dots}{6}$$

$\frac{1}{2} = \frac{3}{\dots} = \frac{4}{\dots}$	$\frac{4}{6} = \frac{2}{\dots} = \frac{\dots}{12}$
$\frac{1}{4} = \frac{2}{\dots} = \frac{\dots}{16}$	$\frac{5}{25} = \frac{1}{\dots} = \frac{\dots}{10}$
$\frac{1}{7} = \frac{3}{\dots} = \frac{4}{\dots}$	$\frac{6}{9} = \frac{2}{\dots} = \frac{\dots}{18}$
$\frac{1}{6} = \frac{2}{\dots} = \frac{\dots}{18}$	$\frac{9}{12} = \frac{3}{\dots} = \frac{\dots}{16}$

Reduce each of the following fractions to its simplest form:

$\frac{8}{16}$ = ...

$\frac{25}{50}$ = ...

$\frac{4}{12}$ = ...

$\frac{12}{24}$ = ...

$\frac{6}{24}$ = ...

$\frac{15}{30}$ = ...

$\frac{7}{28}$ = ...

$\frac{18}{48}$ = ...

$\frac{6}{30}$ = ...

$\frac{12}{36}$ = ...

$\frac{3}{6}$ = ...

$\frac{12}{18}$ = ...

$\frac{15}{45}$ = ...

$\frac{14}{28}$ = ...

❶ *Find the missing terms :*

(1) $\frac{1}{3} = \frac{\cdots}{6} = \frac{5}{\cdots}$ (2) $\frac{2}{5} = \frac{\cdots}{15} = \frac{8}{\cdots}$

(3) $\frac{3}{7} = \frac{9}{\cdots} = \frac{\cdots}{35}$

(4) $\frac{4}{9} = \frac{\cdots}{36} = \frac{\cdots}{54}$

❷ *Match the equal fractions :*

(1) $\frac{2}{3}$	(a) $\frac{10}{45}$
(2) $\frac{1}{5}$	(b) $\frac{18}{42}$
(3) $\frac{3}{7}$	(c) $\frac{18}{27}$
(4) $\frac{2}{9}$	(d) $\frac{4}{20}$

❸ *Choose the correct answer :*

(1) $\frac{5}{6} = \cdots\cdots$ ($\frac{20}{30}$ **or** $\frac{15}{24}$ **or** $\frac{15}{30}$ **or** $\frac{30}{36}$)

(2) $1\,322 \times 4 = \cdots\cdots$ (5 288 **or** 5 882 **or** 5 829 **or** 2 858)

(3) $300 \times 100 = 30 \times \cdots\cdots$ (10 **or** 100 **or** 1 000 **or** 10 000)

(4) 9 tens ÷ 9 = ……… (10 **or** 9 **or** 1 **or** 90)

❹ *Complete each of the following :*

(1) $\frac{3}{4} = \frac{9}{\cdots}$

(2) The perimeter of [figure] is ……… , and its area is ………

(3) A quarter = ………

❺ [a] *Shade according to the fraction :*

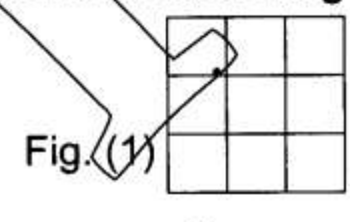


Fig. (1) Fig. (2)

$\frac{2}{3} = \frac{\cdots}{9}$ $\frac{1}{4} = \frac{\cdots}{8}$

[b] ***Write :*** **(1)** a fraction of numerator 32 and equal to $\frac{4}{7}$ ………

(2) a fraction of denominator 50 and equal to $\frac{3}{5}$ ………

1 Simplify each fraction to its simplest form :

(1) $\frac{12}{14}$ = ... (2) $\frac{6}{9}$ = ...

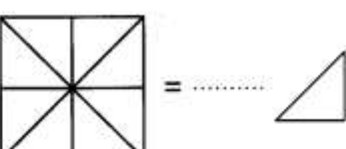
(3) $\frac{28}{49}$ = ...

(4) $\frac{15}{20}$ = ...

2 Choose the correct answer :

(1) $\frac{5}{7} = \frac{10}{....}$ (12 or 9 or 14 or 17)

(2) $\frac{6}{18}$ = ... ($\frac{1}{3}$ or $\frac{2}{3}$ or $\frac{3}{6}$ or $\frac{1}{18}$)

(3) The area of  = ... (7 or 8 or 9 or 10)

(4) 426 ÷ 2 = ... (312 or 3 103 or 123 or 213)

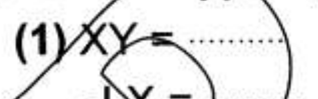
3 Complete each of the following :

(1) 10 × .... = 440 (2) 341 × 8 = ...

(3) $\frac{30}{42} = \frac{5}{....}$

(4) The perimeter of the triangle whose side lengths 6 cm. , 8 cm. and 10 cm. = ... cm.

4 From the opposite figure , complete :



(1) XY = ...

, LX = ...

(2) XYZL is a ....

(3) The perimeter of XYZL = ... cm.

(4) The area of XYZL = ... □

5 Ahmed saves 175 pounds each month.

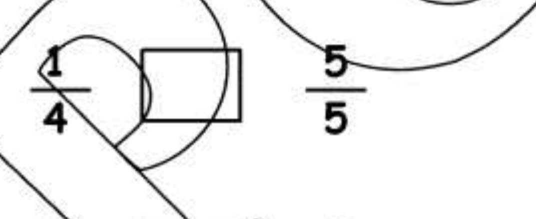
How much money did he save in 5 months ?

He saved = ... × .... = ... pounds.

EXERCISES 3 Comparing and ordering fractions

Put the suitable sign < , = or >

$\frac{1}{4}$ ☐ $\frac{3}{4}$	$\frac{3}{6}$ ☐ $\frac{3}{4}$
$\frac{5}{7}$ ☐ 1	$\frac{3}{7}$ ☐ $\frac{5}{7}$
$\frac{1}{4}$ ☐ $\frac{2}{6}$	$\frac{1}{6}$ ☐ $\frac{2}{12}$
$\frac{1}{7}$ ☐ $\frac{3}{7}$	$\frac{3}{5}$ ☐ $\frac{3}{4}$
$\frac{5}{8}$ ☐ 1	$\frac{3}{10}$ ☐ $\frac{5}{10}$
$\frac{2}{11}$ ☐ $\frac{3}{11}$	$\frac{4}{6}$ ☐ $\frac{4}{12}$
$\frac{1}{4}$ ☐ $\frac{5}{5}$	$\frac{1}{7}$ ☐ $\frac{1}{12}$
$\frac{1}{8}$ ☐ $\frac{3}{8}$	$\frac{3}{7}$ ☐ $\frac{3}{4}$
$\frac{7}{8}$ ☐ 1	$\frac{10}{10}$ ☐ $\frac{8}{8}$
$\frac{2}{17}$ ☐ $\frac{2}{17}$	$\frac{4}{6}$ ☐ $\frac{4}{5}$





Arrange in an ascending order and in a descending order

$\frac{7}{11}$, $\frac{8}{11}$, $\frac{2}{11}$, $\frac{1}{11}$, $\frac{6}{11}$

ascending order .... , ... , ... , ... , ...

descending order .... , ... , ... , ... , ...

$\frac{1}{4}$, 1 , $\frac{1}{2}$, $\frac{1}{5}$, $\frac{1}{6}$

ascending order .... , ... , ... , ... , ...

descending order .... , ... , ... , ... , ...

$\frac{8}{13}$, $\frac{3}{13}$, $\frac{2}{13}$, $\frac{5}{13}$, $\frac{7}{13}$

ascending order .... , ... , ... , ... , ...

descending order .... , ... , ... , ... , ...

$\frac{7}{11}$, $\frac{5}{11}$, 1 , $\frac{1}{11}$, $\frac{6}{11}$

ascending order .... , ... , ... , ... , ...

descending order .... , ... , ... , ... , ...

$\frac{2}{7}$, $\frac{2}{13}$, $\frac{2}{11}$, $\frac{2}{3}$, $\frac{2}{5}$

ascending order .... , ... , ... , ... , ...

descending order .... , ... , ... , ... , ...

$\frac{3}{4}$, $\frac{3}{14}$, $\frac{3}{5}$, $\frac{3}{7}$, $\frac{3}{11}$

ascending order .... , ... , ... , ... , ...

descending order .... , ... , ... , ... , ...

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1 ***Put the suitable relation (<) , (=) or (>) :***

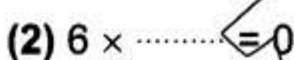
(1) $\frac{7}{9}$ ☐ $\frac{5}{9}$ (2) $\frac{5}{11}$ ☐ $\frac{6}{11}$

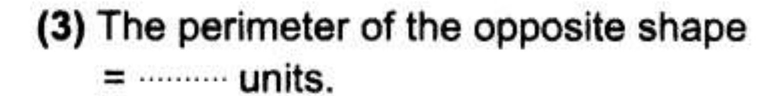
(3) $\frac{11}{12}$ ☐ 1 (4) $\frac{1}{5}$ ☐ $\frac{1}{4}$

---

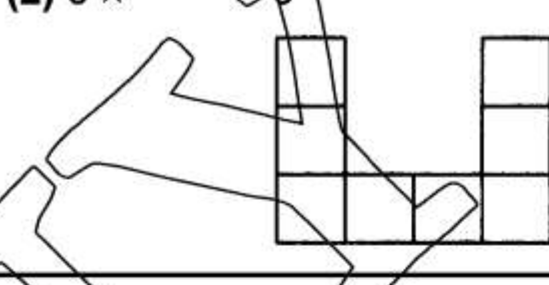
2 ***Complete each of the following :***

(1) $7 \times 8 = (4 \times 8) + (\dots\dots \times 8)$ (2) $6 \times \dots\dots = 0$





(3) The perimeter of the opposite shape = ……… units.



(4) 32 pounds = ……… piastres.

---

3 ***Choose the correct answer :***

(1) $45 \div 5 = \dots\dots$ (9 *or* 7 *or* 8 *or* 6)

(2) $\frac{1}{13} > \dots\dots$ ($\frac{1}{11}$ *or* $\frac{1}{12}$ *or* $\frac{1}{14}$ *or* $\frac{1}{10}$)

(3) $\frac{4}{20} = \dots\dots$ ($\frac{1}{2}$ *or* $\frac{1}{3}$ *or* $\frac{1}{5}$ *or* $\frac{1}{7}$)

(4) The smallest odd number is ……… (0 *or* 1 *or* 2 *or* 3)

---

4 ***Arrange the following fractions in an ascending order :***

$\frac{3}{10}$, 1 , $\frac{2}{10}$ and $\frac{9}{10}$

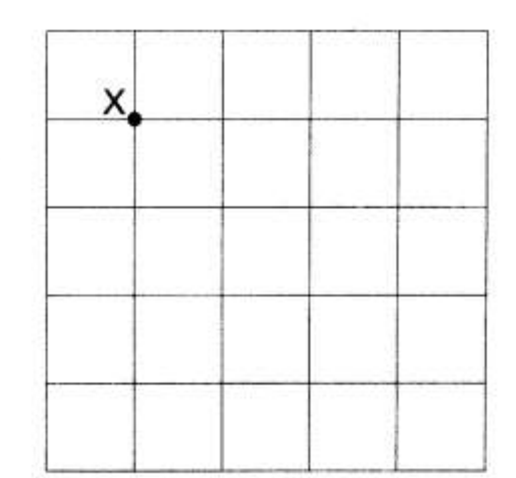
The order is : ……… , ……… , ……… , ………

---

5 ***On the opposite lattice :***

Draw the square XYZL in which XY = 3 cm.

and calculate its perimeter and its area.



(1) Its perimeter = ……… cm.



(2) Its area = ……… ☐

EXERCISES 4 Adding and Subtracting Fractions

Add:

$\frac{3}{7} + \frac{2}{7} = \frac{\dots}{\dots}$

$\frac{1}{8} + \frac{2}{8} = \frac{\dots}{\dots}$

$\frac{3}{8} + \frac{2}{8} = \frac{\dots}{\dots}$

$\frac{1}{5} + \frac{2}{5} = \frac{\dots}{\dots}$

$\frac{2}{9} + \frac{4}{9} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$

$\frac{4}{7} + \frac{2}{7} = \frac{\dots}{\dots}$

$\frac{2}{9} + \frac{1}{9} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$

$\frac{4}{6} + \frac{2}{6} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$

$\frac{5}{9} + \frac{2}{9} + \frac{1}{9} = \frac{\dots}{\dots}$

$\frac{2}{6} + \frac{3}{6} + \frac{1}{6} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$

$\frac{3}{9} + \frac{2}{9} + \frac{1}{9} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$

Complete :

$\frac{3}{7} + \frac{\dots}{\dots} = \frac{5}{7}$

$\frac{\dots}{\dots} + \frac{2}{7} = \frac{3}{7}$

$\frac{\dots}{\dots} + \frac{2}{5} = \frac{3}{5}$

$\frac{\dots}{\dots} + \frac{4}{9} = \frac{8}{9}$

$\frac{7}{11} + \frac{\dots}{\dots} = \frac{10}{11}$

$\frac{2}{9} + \frac{\dots}{\dots} = \frac{5}{9}$

$\frac{4}{5} - \frac{2}{5} = \frac{\dots\dots}{\dots\dots}$

$\frac{5}{9} - \frac{2}{9} = \frac{\dots\dots}{\dots\dots}$

$1 - \frac{2}{5} = \frac{\dots\dots}{\dots\dots}$

$\frac{4}{6} - \frac{3}{6} = \frac{\dots\dots}{\dots\dots}$

$\frac{5}{6} - \frac{2}{6} = \frac{\dots\dots}{\dots\dots}$

$1 - \frac{2}{2} = \frac{\dots\dots}{\dots\dots} = \dots\dots$

$\frac{8}{9} - \frac{5}{9} = \frac{\dots\dots}{\dots\dots} = \frac{\dots\dots}{\dots\dots}$

$\frac{7}{8} - \frac{3}{8} = \frac{\dots\dots}{\dots\dots} = \frac{\dots\dots}{\dots\dots}$

$1 - \frac{5}{9} = \frac{\dots\dots}{\dots\dots}$

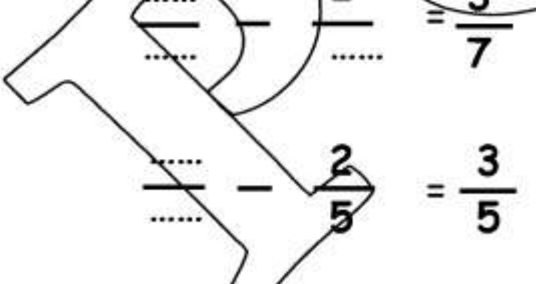
$\frac{8}{9} - \frac{2}{9} = \frac{\dots\dots}{\dots\dots} = \frac{\dots\dots}{\dots\dots}$

$\frac{7}{10} - \frac{3}{10} = \frac{\dots\dots}{\dots\dots} = \frac{\dots\dots}{\dots\dots}$

$1 - \frac{5}{5} = \frac{\dots\dots}{\dots\dots} = \dots\dots$

Complete :

$\frac{8}{9} - \frac{\dots\dots}{\dots\dots} = \frac{5}{9}$



$\frac{\dots\dots}{\dots\dots} - \frac{2}{\dots\dots} = \frac{3}{7}$

$\frac{\dots\dots}{\dots\dots} - \frac{2}{5} = \frac{3}{5}$

$\frac{\dots\dots}{\dots\dots} - \frac{4}{7} = \frac{2}{7}$

$\frac{7}{11} - \frac{\dots\dots}{\dots\dots} = \frac{2}{11}$

$1 - \frac{\dots\dots}{\dots\dots} = \frac{5}{9}$

1 Find the result of each of the following :

(1) $\frac{9}{14} + \frac{4}{14} =$ ....   (2) $\frac{8}{11} - \frac{5}{11} =$ ....

(3) $\frac{10}{45} + \frac{18}{45} + \frac{17}{45} =$ ....   (4) $1 - \frac{9}{13} =$ ....

---

2 Complete each of the following :

(1) The even number just after 103 is ....

(2) $80 \times 30 =$ ....   (3) 3 pounds = ... piastres.

(4) $(7 \times 6) - (7 \times 4) = 7 \times$ ....

---

3 Choose the correct answer :

(1) Six elevenths = ...   ($\frac{6}{10}$ or $\frac{6}{11}$ or $\frac{6}{12}$ or $\frac{6}{13}$)

(2) 5 010 .... 5 = 1 002   (+ or × or – or ÷)

(3) $\frac{2}{5} =$ ....   ($\frac{3}{10}$ or $\frac{1}{5} + \frac{2}{5}$ or $\frac{16}{20}$ or $1 - \frac{3}{5}$)

(4) $\left(\frac{2}{5} + \frac{1}{5}\right)$ .... four fifths   (> or = or <)

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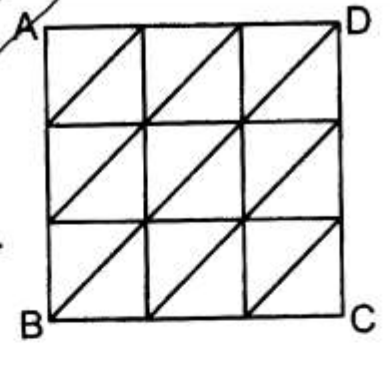
4 In the opposite figure :

ABCD is a square in which AB = 3 cm.

Complete :

(1) The perimeter of the square = ... cm.

(2) The area of the square = ...



---

5 Khaled took L.E. $\frac{6}{10}$ from his father and L.E. $\frac{2}{10}$ from his mother. If he spent L.E. $\frac{5}{10}$

How much money was remained with him ?

What Khaled took = ... = L.E. ....

The remained money = ... = L.E. ....

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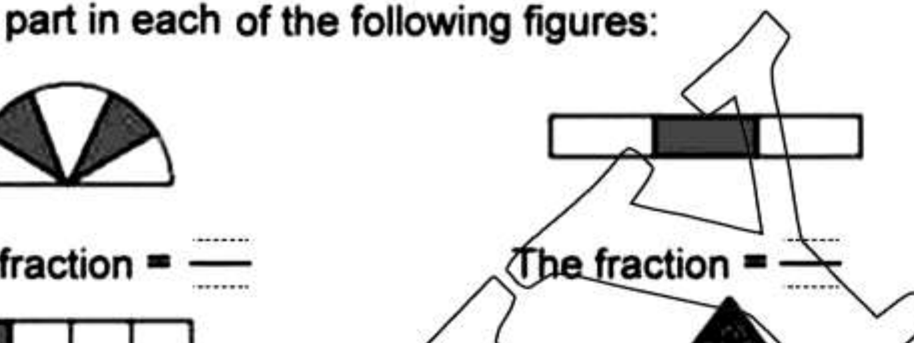


Exercises on unit 3

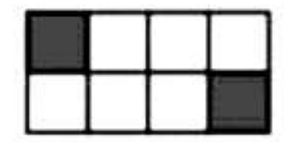
Answer the following questions:

First question: Write the fraction which represents the shaded part in each of the following figures:





The fraction = $\frac{\cdots}{\cdots}$ The fraction = $\frac{\cdots}{\cdots}$



The fraction = $\frac{\cdots}{\cdots}$ The fraction = $\frac{\cdots}{\cdots}$

Second question: Choose the correct answer from those given between brackets :

(1) Five sixths = ... $(\frac{5}{6}, \frac{6}{5}, \frac{2}{6})$

(2) $\frac{2}{5} + \frac{3}{5} =$ .... $(\frac{1}{5}, 1, \frac{4}{5})$

(3) $2 = \frac{6}{\cdots}$ (3 , 6 , 2)

(4) Two seventh + 3 seventh = ... $(\frac{7}{5}, \frac{5}{7}, \frac{3}{7})$

(5) $\frac{9}{27} = \frac{1}{\cdots}$ (3 , 5 , 7)

(6) $\frac{5}{7}$ ☐ $\frac{6}{7}$ (> , < , =)

(7) $\frac{15}{25} = \frac{\cdots}{5}$ (3 , 5 , 7)

Third question: Complete the following

(1) Four fifths = $\frac{.....}{.....}$

(4) $1 - \frac{3}{4} = \frac{.....}{.....}$

(2) $\frac{7}{9} - \frac{5}{9} = \frac{.....}{9}$

(5) $\frac{5}{7} + \frac{.....}{.....} = \frac{6}{7}$

(3) $\frac{3}{4} + \frac{1}{4} = \frac{.....}{.....} =$

(6) .... $- \frac{4}{9} = \frac{3}{9}$

Fourth question : A case of cheese contains 8 equal pieces.
Rania ate two pieces. Write fraction which represents what Rana ate relative to the all pieces in the case.

Rana ate $= \frac{.....}{.....}$

Fifth question: Apiece of land divided into 9 equal parts
A part of them is planted by cotton, two parts are planted by wheat. three parts are planted by rice,

Write what each of the following represents

(1) The part which is planted by cotton = $\frac{.....}{.....}$

(2) The part which is planted by rice = $\frac{.....}{.....}$

(3) The part which is planted by wheat = $\frac{.....}{.....}$

Sixth questions: Use the suitable mark of (> , < , =)

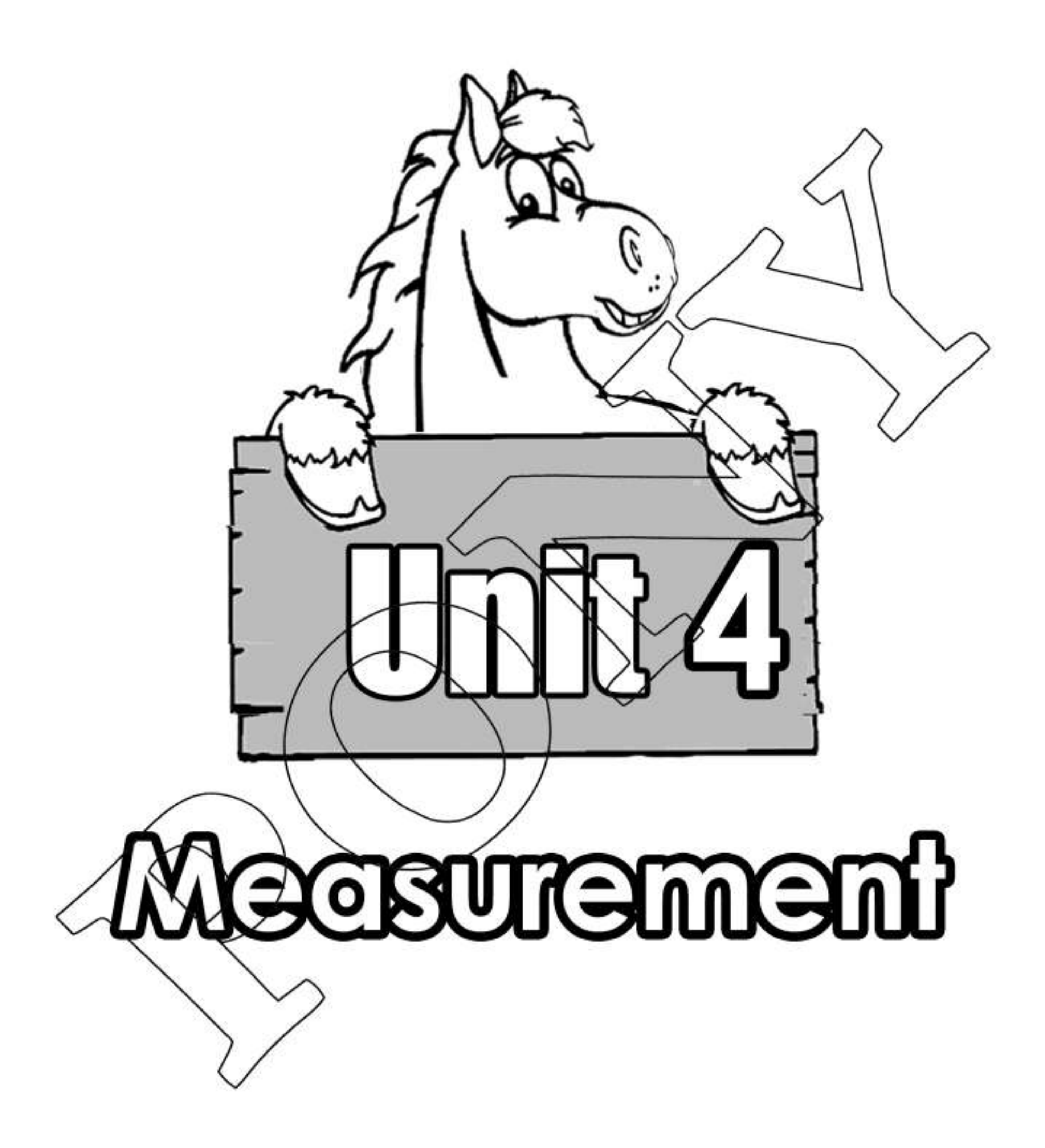
(1) $\frac{3}{5} - \frac{1}{5}$ ☐ $\frac{3}{5}$

(2) $\frac{7}{9}$ ☐ $\frac{5}{9} - \frac{2}{9}$

(3) Four Sixths ☐ $\frac{4}{6}$

(4) $\frac{1}{3}$ ☐ $1 - \frac{2}{3}$

(5) $\frac{3}{7}$ ☐ $\frac{2}{7}$


Unit 4
Measurement

EXERCISES 1 Measuring Temperature

Complete

1) ………………… is used to measure the temperature.
2) The unit of measuring the temperature is …………………….
3) the normal body temperature is ………°.
4) the temperature of a hot day is ………°.
5) the temperature of a cold day is ………°.
6) the water is boils at ……… °.
7) the water freeze at ……… °.

The temperatures recorded in one day in 6 cities as follows:

city	Cairo	Port Said	Alex.	Sharm EL Sheikh	Aswan	Matrouh
Temp.	20^0	15^0	21^0	24^0	42^0	37^0

Answer the following questions :

a) The city which has cold weather is ……………………
b) The city which has worm weather is ……………………
c) The city which has hot weather is ……………………
d) The city which has very hot weather is …………………….

The temperatures recorded in one of the week were as follows:

Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Temp.	22^0	23^0	21^0	18^0	19^0	20^0	21^0

Answer the following questions :

a) On what day the temperature the highest? ……………………
b) On what day the temperature the lowest ? ……………………
c) Which two days have equal temperature? ……… and …………

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1 Choose the correct answer :

(1) The temperature of the human body is ……… C

(21° or 42° or 37° or 40°)

(2) $\frac{27}{36}$ = ……… ($\frac{3}{6}$ or $\frac{3}{4}$ or $\frac{3}{9}$ or $\frac{4}{5}$)

(3) One sixth + four sixths = ……… ($\frac{1}{6}$ or $\frac{5}{6}$ or $\frac{1}{2}$ or $\frac{5}{12}$)

(4) $\left(\frac{3}{7} + \frac{4}{7}\right)$ ……… $\left(\frac{4}{9} + \frac{3}{9} + \frac{2}{9}\right)$ (< or = or >)

2 Complete each of the following :

(1) The odd number lying between 28 and 30 is ………

(2) ……………… is used for measuring temperature.

(3) ……… × 8 = 80

(4) The perimeter of the square of side length 7 cm. is ……… cm.

3 Put (✓) for the correct statement and (×) for the incorrect one :

(1) 963 ÷ 3 = 123 ( )

(2) If 17°C was the lowest temperature in a day , then the heighest temperature in that day was 12°C ( )

(3) The temperature at which water boils is 0°C ( )

(4) $\frac{2}{5} + \frac{3}{5} = 1$ ( )

4 Find the result of each of the following :

(1) 527 × 6 = ………

(2) 8 064 ÷ 8 = ………

(3) (100 × 5) + (100 × 2) = ………

(4) $1 - \frac{2}{9}$ = ………

5 The temperature recorded in one of weeks as follows :

Day	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Temperature	21°C	19°C	23°C	22°C	18°C	21°C	20°C

(1) The highest temperature was on ………

(2) The difference between the highest and lowest temperatures is ………°C

(3) The coldest day was on ………………………

(4) The temperatures was less than 20°C on ……… and ………

EXERCISES 2

PONY

Measuring the length

Complete :

3 metres = ... cm

4 metres = ... cm

9 metres = ... cm

10 metres = ... cm

15 metres = ... cm

18 metres = ... cm

500 cm = ... m

900 cm = ... m

800 cm = ... m

60 000cm = ... m

35 000cm = ... m

50 000cm = ... m

50 cm = ... m

25 cm = ... m

75 cm = ... m

4 m and 55 cm = ... cm

7 m and 5 cm = ... cm

7 m and a half = ... cm

8 m and a quarter = ... cm

$\frac{1}{4}$ m and 30 cm = ... cm

$\frac{1}{2}$ m and 30 cm = ... cm

6 kilometres = ... m

7 kilometres = ... m

9 kilometres = ... m

45 kilometres = ... m

63 kilometres = ... m

70 kilometres = ... m

9000 m = ... km

1000 m = ... km

8000 m = ... km

24 000 m = ... km

10 000 m = ... km

80 000 m = ... km

750 m = ... km

500 m = ... km

250 m = ... km

5 km and 852 m = ...m

8 km and 20 m = ...m

41 km and 60 m = ...m

24 km and 75 m = ...m

$\frac{1}{2}$ km and 350 m = ...m

$\frac{3}{4}$ km and 350 m = ...m

726 cm	= ……… m and …… cm	8450 m =	…… km and …… cm
615 cm	= ……… m and …… cm	9040 m =	…… km and …… cm
904 cm	= ……… m and …… cm	4005 m =	…… km and …… cm
8020 cm	= ……… m and …… cm	60200 m =	…… km and …… cm
7540 cm	= ……… m and …… cm	90152 m =	…… km and …… cm
9045 cm	= ……… m and …… cm	45015 m =	…… km and …… cm

Choose the correct answer :

a) The length of a pen can be ……… (10 cm , 10 km , 10 m)

b) The height of a house can be ……… (48 m , 8 km , 200cm)

c) The distance between Cairo and Alexandria can be ………
(78 m , 200 km , 600 cm)

d) 5 km and 20 m = ……… cm (5020 , 5200 , 5002)

e) The length of a book can be ……… (15 cm , 15 km , 15 m)

f) The height of a class room can be ……… (4 m , 4 km , 4cm)

g) The distance between Cairo and Tanta can be ………
(58 m , 90 km , 900 cm)

h) 25 km and 10 m = ……… cm (2510 , 25010 , 2501)

The distance between Yassir's school and his house is 2 km, 750m
His club is 2250 m away from his house . What is the difference between the two distance ?

The difference = ……………………………………………………………………………

1 *Complete each of the following :*

(1) 9 375 metres = ... kilometres and .... metres.

(2) $7 \times 3 \times 100 =$ .... $\times 10$

(3) A triangle , its side lengths are 5 cm. , 8 cm. and 7 cm. , then its perimeter = ... cm.

---

2 *Choose the correct answer :*

(1) $840 \div 4 =$ .... (21 *or* 210 *or* 201 *or* 102)

(2) 56 + 56 + 56 .... 56×4 (> *or* = *or* <)

(3) The suitable unit for measuring the distance between Cairo and Aswan is .... (metre *or* centimetre *or* kilometre)

(4) $\frac{3}{5} + \frac{1}{5} =$ .... ($\frac{8}{25}$ *or* $\frac{16}{25}$ *or* $\frac{4}{25}$ *or* $\frac{8}{10}$)

---

3 *Arrange the following lengths descendingly :*

1 400 m. , 2 km. , 10 000 cm. and $1\frac{1}{2}$ km.

The order is : ....

---

4 *Match :*

(1) 1 metre = ... centimetres	**(a)** 49
(2) $(5 \times 2) + (5 \times 3) =$	**(b)** 250
(3) $\frac{5}{7} = \frac{35}{.....}$	**(c)** 100
(4) $\frac{1}{4}$ km. = ... m.	**(d)** 25

---

5 *A pizza is divided to 8 equal parts. Ahmed took $\frac{3}{8}$ of the pizza , his brother Omar took $\frac{2}{8}$ and their sister Sarah took the rest. How many parts did Sarah take ?*

Ahmed and Omar's shares = ... = ...

Sarah's share = ... = ...

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Measuring weight

Complete :

3 kg = ... gm

5 kg = ... gm

8 kg = ... gm

2 kg = ... gm

3 kg = ... gm

1 kg = ... gm

7 000 gm = ... kg

8 000 gm = ... kg

5 000 gm = ... kg

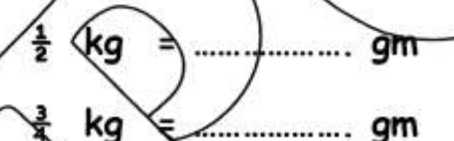
24 000 gm = ... kg

32 000 gm = ... kg

57 000 gm = ... kg

$\frac{1}{2}$ kg = ... gm

$\frac{3}{4}$ kg = ... gm



250 gm = ... kg

3 kg and 450 gm = ... gm

5 kg and 350 gm = ... gm

8 kg and 502 gm = ... gm

10 kg = ... gm

45 kg = ... gm

20 kg = ... gm

11 kg = ... gm

26 kg = ... gm

40 kg = ... gm

6 000 gm = ... kg

9 000 gm = ... kg

2 000 gm = ... kg

20 000 gm = ... kg

70 000 gm = ... kg

90 000 gm = ... kg

$\frac{1}{4}$ kg = ... gm

500 gm = ... kg

750 gm = ... kg

8 kg and 500 gm = ... gm

6 kg and 700 gm = ... gm

5 kg and 20 gm = ... gm

15 kg and 150 gm = ... gm

13 kg and 30 gm = ... gm

12 kg and 50 gm = ... gm

80 kg and 60 gm = ... gm

40 kg and 30 gm = ... gm

10 kg and 8 gm = ... gm

6 850 gm = ... kg .... gm

7 440 gm = ... kg .... gm

8 155 gm = ... kg .... gm

9 045 gm = ... kg .... gm

3 451 gm = ... kg .... gm

4 008 gm = ... kg .... gm

19 550 gm = ... kg .... gm

29 780 gm = ... kg .... gm

65 248 gm = ... kg .... gm

14 058 gm = ... kg .... gm

36008 gm = ... kg .... gm

50 004 gm = ... kg .... gm

$3 \frac{1}{2}$ kg = ... gm

$45 \frac{1}{2}$ kg = ... gm

$9 \frac{1}{2}$ kg = ... gm

$15 \frac{3}{4}$ kg = ... gm

$10 \frac{3}{4}$ kg = ... gm

$5 \frac{3}{4}$ kg = ... gm

8 000 gm = ... kg

5 000 gm = ... kg

7 000 gm = ... kg

$8 \frac{1}{4}$ kg = ... gm

$9 \frac{1}{4}$ kg = ... gm

$45 \frac{1}{4}$ kg = ... gm

$44 \frac{1}{2}$ kg = ... gm

$20 \frac{1}{2}$ kg = ... gm

$90 \frac{1}{2}$ kg = ... gm

10 750 gm = ... kg

14 500 gm = ... kg

20 250 gm = ... kg

1 ***Put (<) ، (=) or (>) in the blanks :***

(1) The elephant's weight ☐ your weight.

(2) A kilogram and a half ☐ 1 500 gm.

(3) 7 500 gm. ☐ 7 kg.and a quarter.

(4) $4\frac{3}{4}$ kg. and 250 grams ☐ 5 kg.

2 ***Complete each of the following :***

(1) The fraction which its denominator is 4 and its numerator is 3 ، is written as ....

(2) 3 kilograms and 30 grams = ... grams.

(3) $\frac{9}{13}$ – .... = $\frac{3}{13}$

(4) 30 × 40 = 100 × ....

3 ***Choose the correct answer :***

(1) The weight of a rabbit can be ....

(2 gm. ***or*** 2 kg. ***or*** 20 kg. ***or*** 200 kg.)

(2) The area of ⊕ is .... ☐ (1 ***or*** 2 ***or*** 3 ***or*** 4)

(3) 1 kg. and 250 gm. = ... kg. (2 ***or*** $1\frac{1}{4}$ ***or*** $1\frac{1}{2}$ ***or*** $1\frac{3}{4}$)

(4) 217 ÷ 7 = ... (31 ***or*** 301 ***or*** 13 ***or*** 103)

4 ***Arrange each of the following in an ascending order :***

5 000 gm. ، $4\frac{1}{2}$ kg. ، $5\frac{1}{4}$ kg. and 5 010 gm.

The order is : ....

5 ***A triangular piece of land ، the length of two of its sides are 50 m. and 40 m. Its perimeter is 120 m. Find the length of the third side.***

The sum of the two sides = ... = ... m.

The length of the third side = ... = ... m.

Measuring Time

Write the time shown by the clock :



:

It's ....



:

It's ....



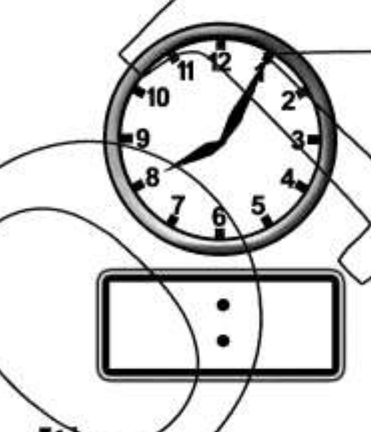
:

It's ....



:

It's ....



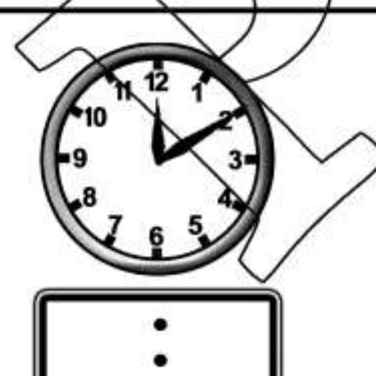
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It's ....



:

It's ....



:

It's ....



:

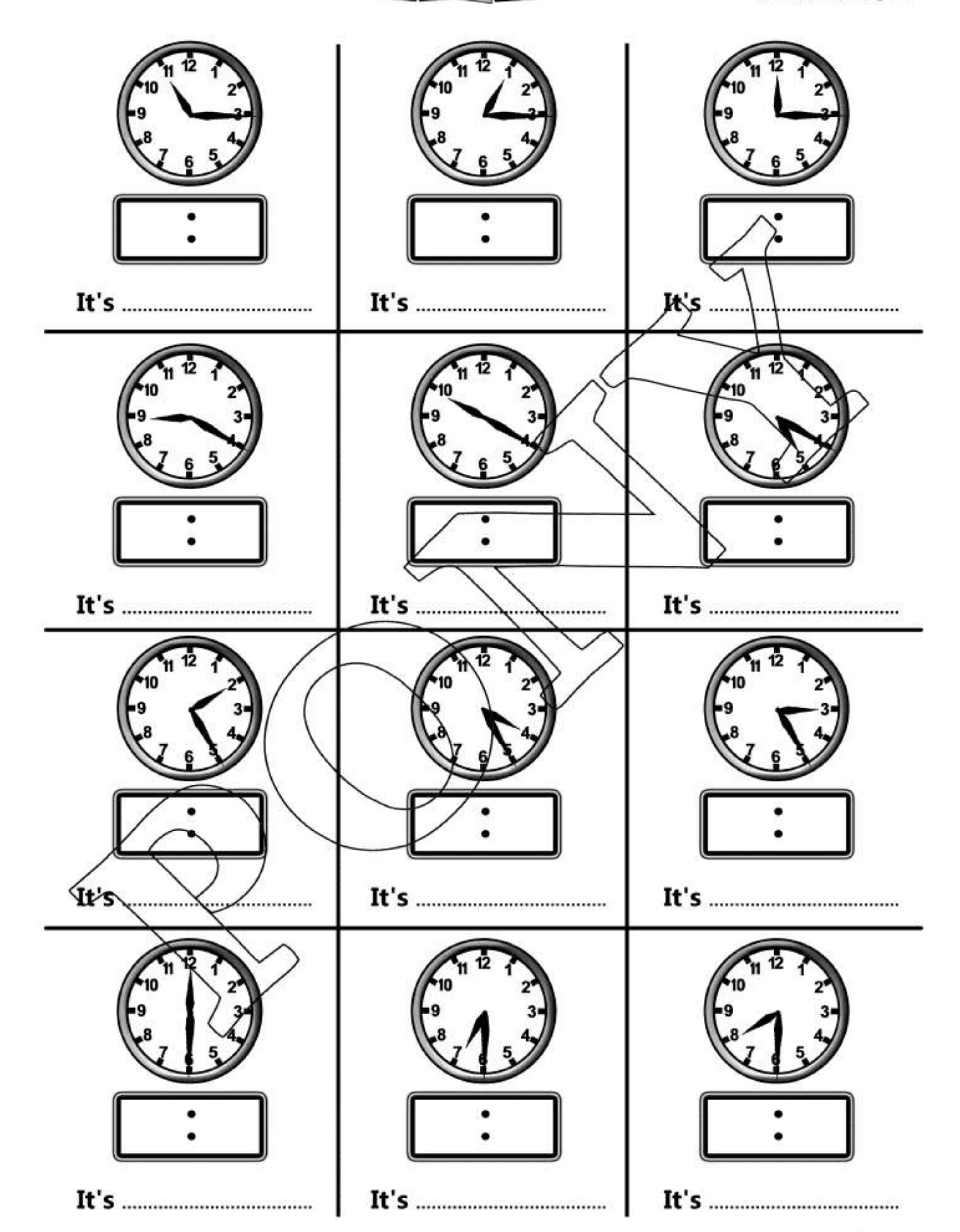
It's ....



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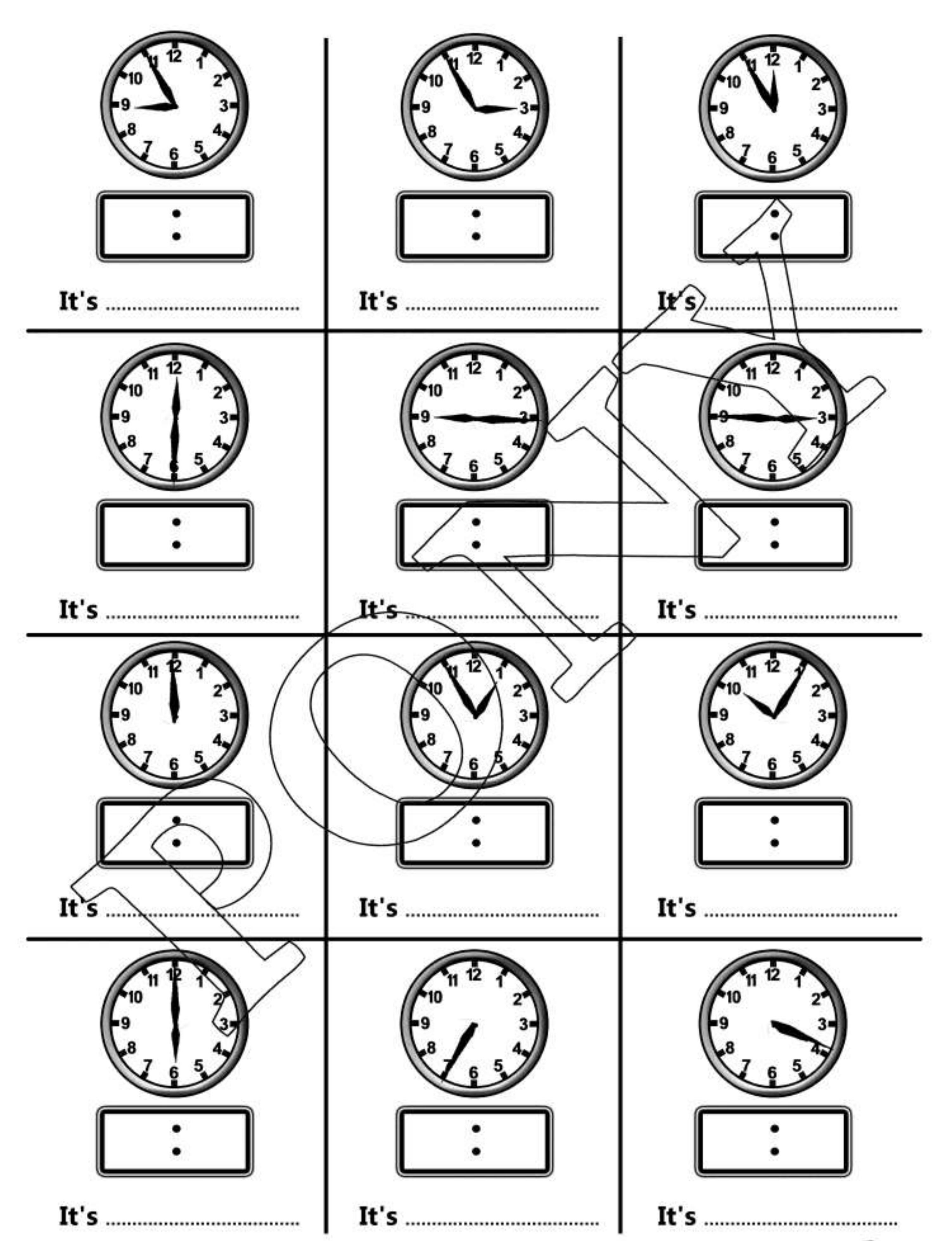
It's ....

Mr. Mohamed Nasr El Din
012 74 13 30 74 - 012 10 90 18 17


It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....



:	:	:
It's	It's	It's ....
:	:	:
It's	It's	It's ....
:	:	:
It's	It's	It's ....
:	:	:
It's	It's	It's ....


It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....
It's ....

02:00	07:00	11:00
It's	It's	It's ....
03:05	06:05	09:05
It's	It's	It's ....
05:10	04:10	10:10
It's	It's	It's ....
12:15	05:15	07:15
It's	It's	It's ....

01:20

It's ....

03:20

It's ....

10:20

It's ....

05:15

It's ....

07:15

It's ....

09:15

It's ....

02:20

It's ....

06:20

It's ....

12:20

It's ....



08:25

It's ....



11:25

It's ....

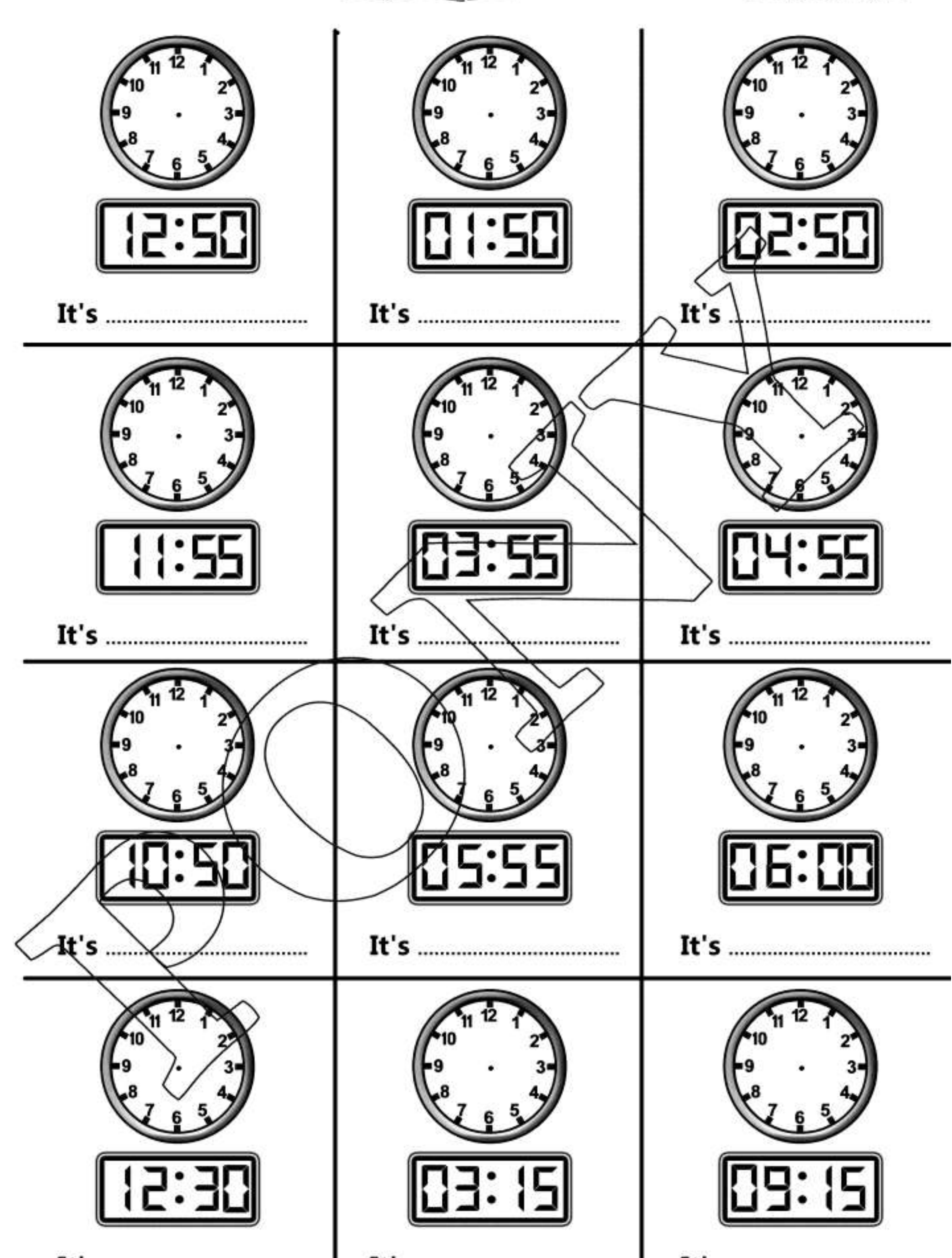


09:25

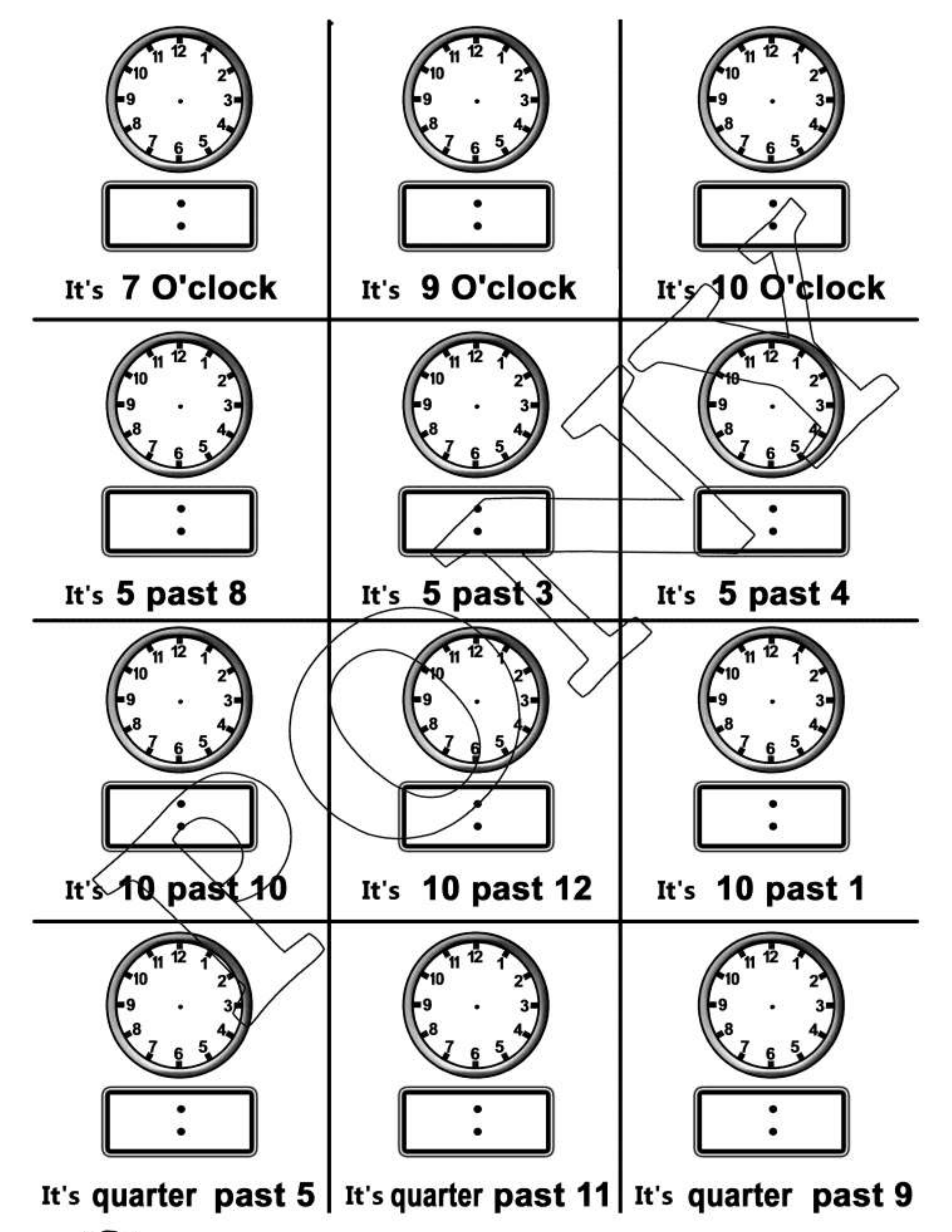
It's ....



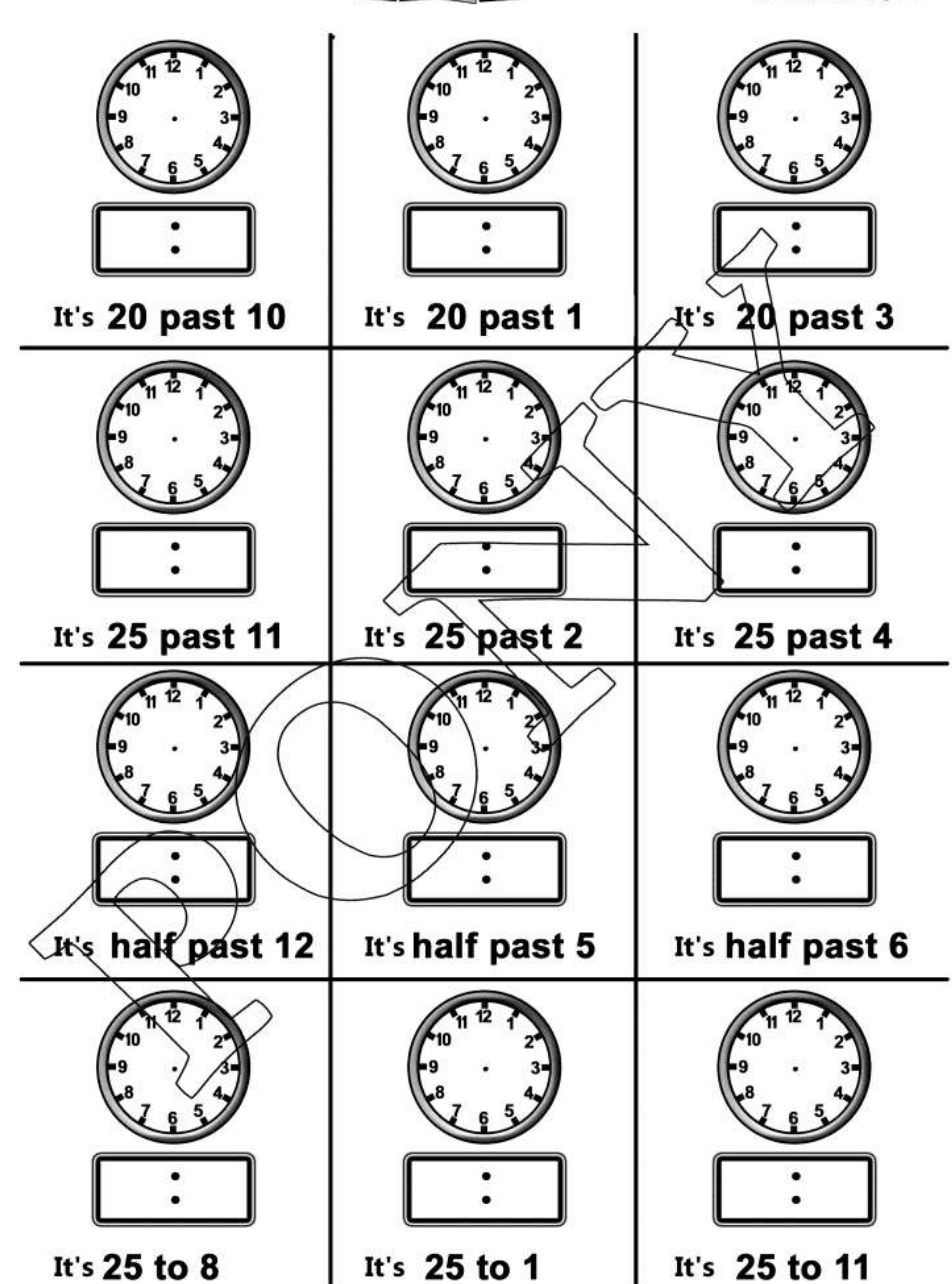
01:30	11:30	03:30
It's	It's	It's ....
02:35	04:35	06:35
It's	It's	It's ....
11:40	07:40	09:40
It's	It's	It's ....
10:45	08:45	05:45
It's	It's	It's ....

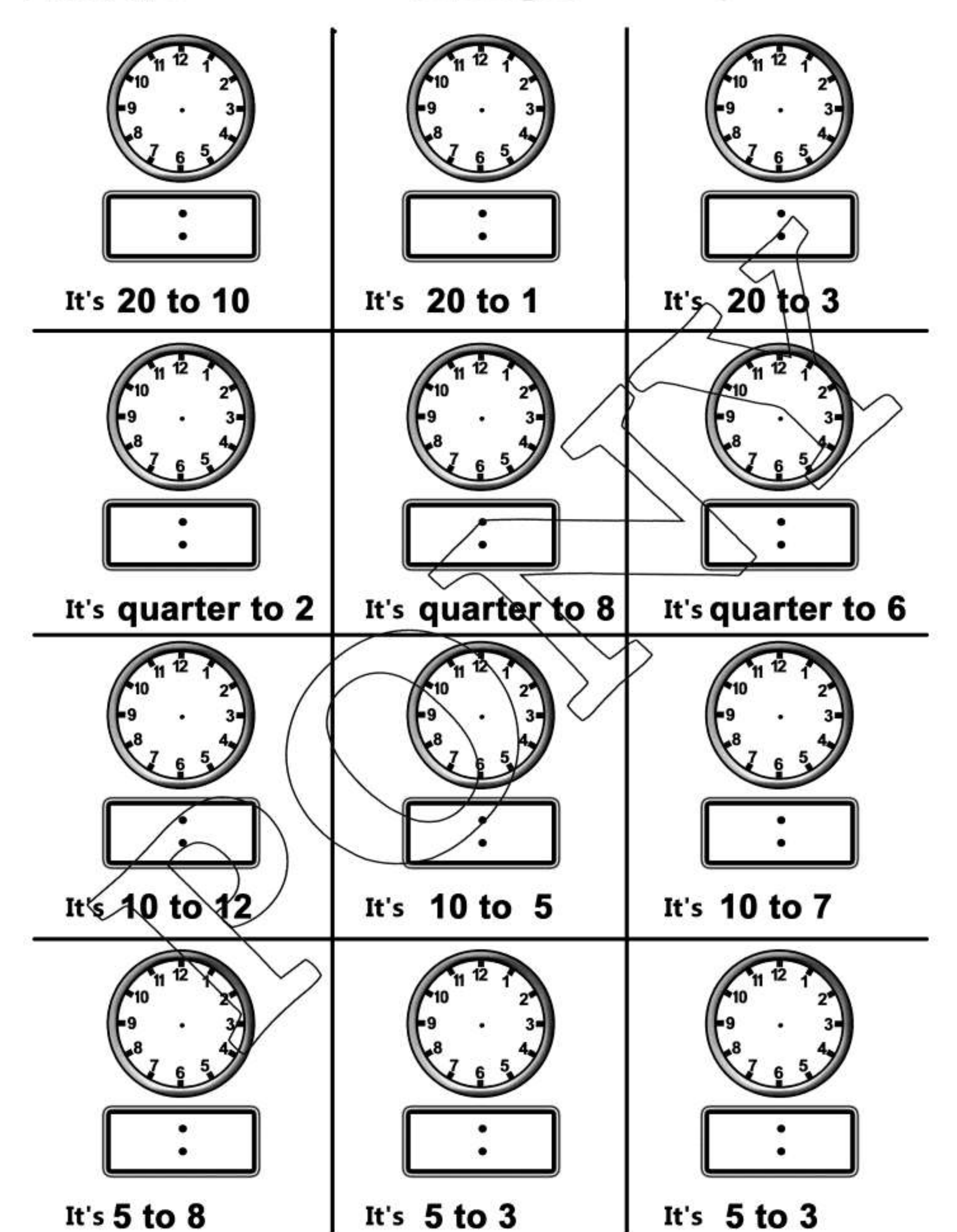


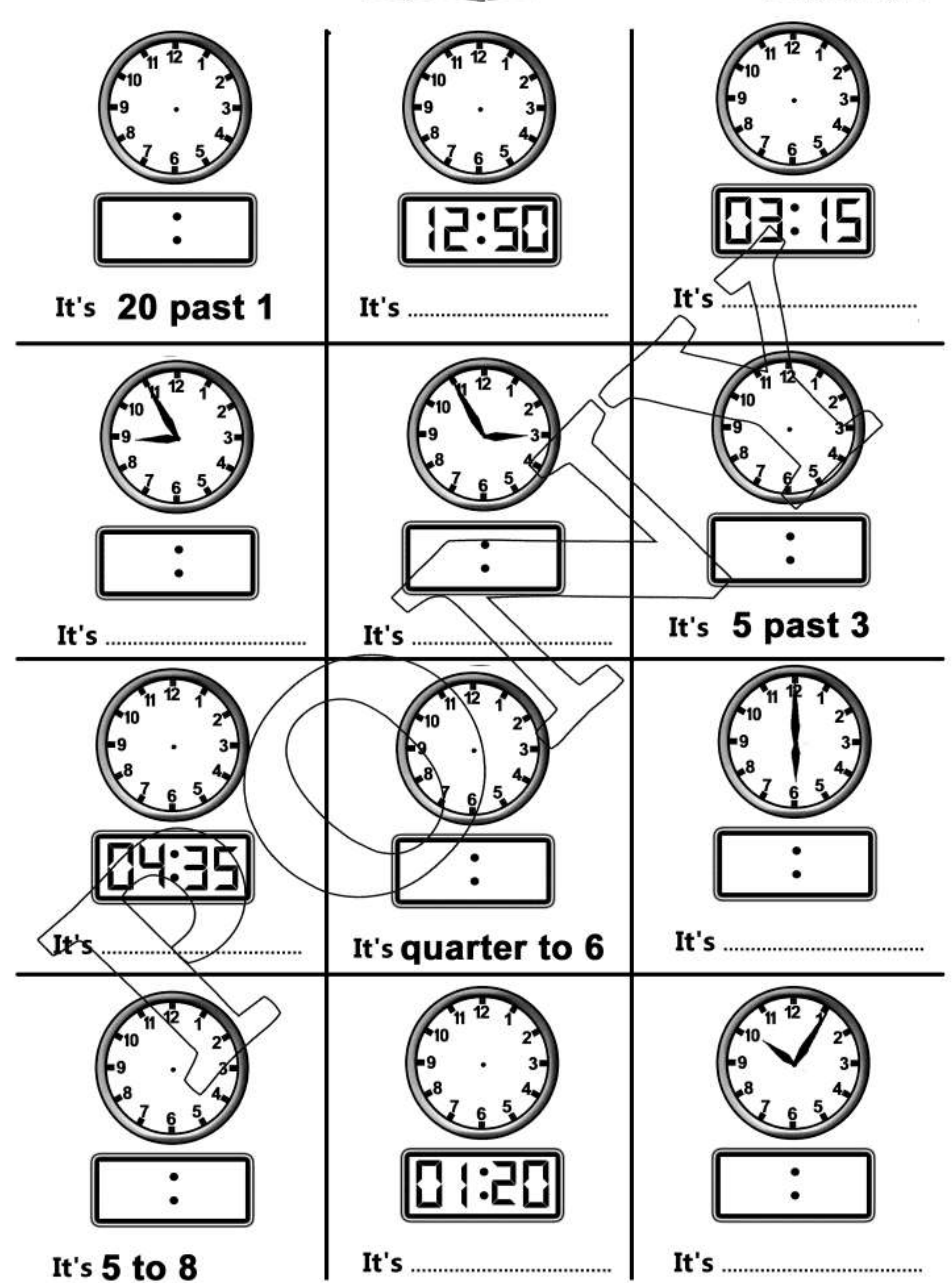
It's ....
It's ....
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It's ....
It's ....
It's ....



012 74 13 30 74 - 012 10 90 18 17


It's 20 past 10
It's 20 past 1
It's 20 past 3
It's 25 past 11
It's 25 past 2
It's 25 past 4
It's half past 12
It's half past 5
It's half past 6
It's 25 to 8
It's 25 to 1
It's 25 to 11


It's 20 to 10
It's 20 to 1
It's 20 to 3
It's quarter to 2
It's quarter to 8
It's quarter to 6
It's 10 to 12
It's 10 to 5
It's 10 to 7
It's 5 to 8
It's 5 to 3
It's 5 to 3


It's 20 past 1
12:50
It's ....
03:15
It's ....
It's ....
It's ....
It's 5 past 3
04:35
It's ....
It's quarter to 6
It's ....
It's 5 to 8
01:20
It's ....
It's ....



An hour = ……… minutes.

2 hours = ……… minutes

3 hour = ……… minutes.

4 hours = ……… minutes

An hour and a half = …….. + …….. = ………. minutes

An hour and a third = …….. + ………. = ………. minutes

An hour and a quarter = …….. + ……… = ………. minutes

An hour and two thirds = …….. + ……… = ………. minutes

An hour and three quarters =…… + …….. = ………. minutes

2 hours and a half = …….. + ……… = ………. minutes

2 hours and a third = …….. + ……… = ………. minutes

2 hours and a quarter = …….. + ……… = ………. minutes

2 hours and two third = …….. + ……… = ………. minutes

half an hour and a third = ……. + ……… = ………. minutes

half an hour and a quarter = ……. + ……… = ………. minutes

third an hour and a quarter = ……. + …….. = ………. minutes

An hour and 25 minutes = …….. + ……… = ………. minutes

Two hours and 35 minutes = …….. + ……… = ………. minutes

half an hour and 10 minutes = ……. + ……… = ………. minutes

third an hour and 5 minutes = ……. + ……… = ………. minutes

Two hours and 55 minutes = …….. + ……… = ………. minutes

An hour and 40 minutes = …….. + ……… = ………. minutes

A day = ... hours

3 days = ... hours

2 days = ... hours

4 days = ... hours

A day and a half = ... + ... = ... hours

A day and a third = ... + ... = ... hours

A day and a quarter = ... + ... = ... hours

A day and two thirds = ... + ... = ... hours

A day and three quarters =...... + ... = ... hours

2 days and a half = ... + ... = ... hours

2 days and a third = ... + ... = ... hours

2 days and a quarter = ... + ... = ... hours

2 days and two third = ... + ... = ... hours

half a day and a third = ... + ... = ... hours

half a day and a quarter = ... + ... = ... hours

third a day and a quarter = ... + ... = ... hours

A day and 2 hours = ... + ... = ... hours

Two days and 3 hours = ... + ... = ... hours

half a day and 10 hours = ... + ... = ... hours

third a day and 15 hours = ... + ... = ... hours

Two days and 5 hours = ... + ... = ... hours

A day and 14 hours = ... + ... = ... hours

85 minutes = ……… hours and ……… minutes

90 minutes = ……… hours and ……… minutes

100 minutes = ……… hours and ……… minutes

150 minutes = ……… hours and ……… minutes

125 minutes = ……… hours and ……… minutes

189 minutes = ……… hours and ……… minutes

200 minutes = ……… hours and ……… minutes

36 hours = ……… days and ……… hours

28 hours = ……… days and ……… hours

50 hours = ……… days and ……… hours

78 hours = ……… days and ……… hours

52 hours = ……… days and ……… hours

37 hours = ……… days and ……… hours

25 hours = ……… days and ……… hours

Complete :

- The 1st month of the year is ....
- The last month of the year is ....
- The fifth month of the year is ....
- The ninth month of the year is ....
- The seventh month of the year is ....
- The second month of the year is ....
- The tenth month of the year is ....
- The third month of the year is ....
- The sixth month of the year is ....
-

- The day after :

Sunday is ....

Tuesday is ....

Thursday is ....

Friday is ....

Saturday is ....

Monday is ....

Wednesday is ....

-The day before:

Sunday is ....

Tuesday is ....

Thursday is ....

Friday is ....

Saturday is ....

Monday is ....

Wednesday is ....

The month after :

- January is ....
- February is ....
- April is ....
- July is ....
- August is ....
- November is ....

The month before :

- March is ....
- October is ....
- May is ....
- June is ....
- September is ....
- December is ....

The month before :

- January is ....
- February is ....
- April is ....
- July is ....
- August is ....
- November is ....
- March is ....
- October is ....
- May is ....
- June is ....
- September is ....
- December is ....

Complete :

2 years =......... + ... = ...months

5 years = ... + ... + ... + ... +...... = ... months

4 years = ... months

3 years = ... months

2 weeks = ... days

4 weeks = ... days

3 weeks = ... days

1 week = ... days

2 weeks and 6 days = ... + ... = ... days

4 weeks and 2 days = ... + ... = ... days

3 weeks and 4 days = ... + ... = ... days

1 week and 5 days = ... + ... = ... days

5 weeks and a day = ... + ... = ... days

2 weeks and 3 days = ... + ... = ... days

a week and a day = ... + ... = ... days

two weeks and 6 days = ... + ... = ... days

four weeks and two days = ... + ... = ... days

one week and six days = ... + ... = ... days

2 years and a half = ... + ... = ... months

1 year and a quarter = ... + ... = ... months

4 years and a third = ... + ... = ... months

2 years and 4 months =........ + ... = ... months

5 years and 10 months =........ + ... = ... months

1 year and 2 months =……… + ……… = ……… months
3 years and 6 months =……… + ……… = ……… months
1 year and 9 months =……… + ……… = ……… months
2 years and 5 months =……… + ……… = ……… months

14 days = ……… weeks
70 days = ……… weeks
21 days = ……… weeks
35 days = ……… weeks

35 days = ……… weeks
28 days = ……… weeks
7 days = ……… week
42 days = ……… weeks

24 months = ……. years
36 months = ……. years
24 months = ……. years

12 months = ……. years
60 months = …….. years
12 months = …….. years

9 days = ………… week and ………… days
11 days = ………… week and ………… days
25 days = ………… week and ………… days
12 days = ………… week and ………… days
29 days = ………… week and ………… days
30 days = ………… week and ………… days
19 days = ………… week and ………… days
38 days = ………… week and ………… days

18 months = ……. year and ………. months
15 months = ……. year and ………. months
37 months = ……. years and ………. months
30 months = ……. years and ………. months
40 months = ……. years and ………. months
13 months = ……. year and ………. months

Write the answer :

(1) The monthes that have 30 days are ....

....

(2) The monthes that have 30 days are ....

....

(3) February from this year has .... days

(4) The number of days from this yeare

= (30 X ....) + (31 X ....) + ...

= ....+ ....+ .... = ... days

	January					February					March					April				
Saturday		7	14	21	28		4	11	18	25		4	11	18	25	1	8	15	22	29
Sunday	1	8	15	22	29		5	12	19	26		5	12	19	26	2	9	16	23	30
Monday	2	9	16	23	30		6	13	20	27		6	13	20	27	3	10	17	24	
Tuesday	3	10	17	24	31		7	14	21	28		7	14	21	28	4	11	18	25	
Wednesday	4	11	18	25		1	8	15	22		1	8	15	22	29	5	12	19	26	
Thursday	5	12	19	26		2	9	16	23		2	9	16	23	30	6	13	20	27	
Friday	6	13	20	27		3	10	17	24		3	10	17	24	31	7	14	21	28	

	May					June					July					August				
Saturday		6	13	20	27		3	10	17	24	1	8	15	22	29		5	12	18	26
Sunday		7	14	21	28		4	11	18	25	2	9	16	23	30		6	13	20	27
Monday	1	8	15	22	29		5	12	19	26	3	10	17	24	31		7	14	21	28
Tuesday	2	9	16	23	30		6	13	20	27	4	11	18	25		1	8	15	22	29
Wednesday	3	10	17	24	31		7	14	21	28	5	12	19	26		2	9	16	23	30
Thursday	4	11	18	25		1	8	15	22	29	6	13	20	27		3	10	17	24	31
Friday	5	12	19	26		2	9	16	23	30	7	14	21	28		4	11	18	25	

	September					October					November					December				
Saturday	30	2	9	16	23		7	14	21	28		4	11	18	25	30	2	9	16	23
Sunday		3	10	17	24	1	8	15	22	29		5	12	19	26	31	3	10	17	24
Monday		4	11	18	25	2	9	16	23	30		6	13	20	27		4	11	18	25
Tuesday		5	12	19	26	3	10	17	24	31		7	14	21	28		5	12	19	26
Wednesday		6	13	20	27	4	11	18	25		1	8	15	22	29		6	13	20	27
Thursday		7	14	21	28	5	12	19	26		2	9	16	23	30		7	14	21	28
Friday	1	8	15	22	29	6	13	20	27		3	10	17	24		1	8	15	22	29

	March				
Saturday		4	11	18	25
Sunday		5	12	19	26
Monday		6	13	20	27
Tuesday		7	14	21	28
Wednesday	1	8	15	22	29
Thursday	2	9	16	23	30
Friday	3	10	17	24	31

Write the answer :

(1) The day of **10 /3** from this year is ....

(2) The day of **18 /3** from this year is ....

(3) The day of **26 /3** from this year is ....

(4) The date of the first **Monday** in **March** from this year is

....

(4) The date of the first sunday in **March** from this year is

....

(4) The date of the **last Monday** in **March** from this year is

....

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1 Choose the correct answer :

(1) The suitable length of a notebook is ....

(25 cm. *or* 1 m. *or* 10 km. *or* 150 cm.)

(2) The number of days in the year = ... days.

(356 *or* 360 *or* 365 *or* 370)

(3) One year and two months = ... months. (13 *or* 14 *or* 15 *or* 12)

(4) The perimeter of the square of side length 9 cm. = ... cm.

(18 *or* 27 *or* 36 *or* 45)

2 Complete each of the following :

(1) 2 days + 2 hours = ... hours.

(2) 2 530 ÷ 5 = ...

(3) .... is a unit for measuring the temperature.

(4) 7 420 m. = ... km. + 420 m.

3 On the opposite lattice :

Draw a rectangle ABCD in which

AB = 3 cm. and BC = 2 cm. ،

then find its perimeter and its area.

The perimeter = ... cm. The area = ... □

4 Arrange the following ascendingly :

36 hours ، 2 weeks ، 2 days and 72 hours

The order is : ...., ..., ..., ...

5 Look at the calendar and answer the questions :

(1) What is the date of the first Thursday of May ? ....

(2) What is the number of Mondays in May ? ....

(3) On what day of the week will June begin ? ....

(4) What is the day of the date 7 May ? ....

May						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



Exercises on Unit 4

Answer the following questions :-

First questions: Choose the correct answer from those between brackets:

1) The distance between cairo and Alexandria is measured by .... (cm , m , km)

2) The distance between Cairo and Gidda is measured by .... (cm , m , km)

3) The suitable unit for measuring the height of a buliding is ...... (cm , m , km)

4) The length of the swimming pool is measured by .... (cm , m , km)

5) The child`s weight of 6 years (age) is .... (gm , kg, km)

6) The weight of the ring = ... (14 gm , 4 kg , 14 km)

7) The orange`s weight = ... (200 gm , 500 gm , 750 gm)

8) The number of the year`s days = ... days (360 , 365 , 375)

9) The temperature of the normal person = ... (35 , 37 , 42)

10) The day = ... hours (7, 60, 24)

11) One day + 5 hours = ... hours (17 , 24, 29)

12) .... is of length unit (gram, kilogram, metre)

13) The unit of measuring weights is .... (hour , kg , km)

14) The suitable unit for measuring the distance between two countries .... (m , kg, km)

15) One year and two months = ... months (12 , 14, 24)

16) Two hours and a quarter = ... minutes (115 , 135 , 215)

17) The class period time is measured by ...... (thermometer , day , minutes)

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Second question: Complete

1) 75 metre = 75 × .... = ... cm
2) 25 km = 25 × .... = ... metre
3) 127 metre = 127 × .... = ... cm
4) 17 kilometre = 17 × .... = ... m
5) 3 kilograms = 3 × .... = ... gm
6) 57 kilograms = 57 × .... = ... gm
7) 3450 grams = ... kg + ... gm
8) 5 kilograms and 125 grams = ... + ... = ... gm
9) 9 kilograms and quarter of kg = ... + ... = ... gm
10) 6 kilograms and quarter of gram = ... + ... = ... gm
11) 8 kilograms and 375 gm = ... + ... = ... gm
12) One hour and 25 minutes = ... + ... = ... min
13) One hour and .... minutes = 80 minutes
14) Two hours = ... minutes

Third question : Put the sign (> , < , =) in the suitable place:

1) 250 gm ☐ $\frac{1}{4}$ kg
2) 4 kg and 50 gm. ☐ 450 gm
3) 23 hours ☐ One day
4) 36 hours ☐ two days
5) 3 days and 5 hours ☐ 77 hours.
6) One and half a day ☐ 37 hours
7) One year and 3 months ☐ 14 months
8) One hour and 25 minutes ☐ 145 minutes



Fourth question: Arrange the following measure units, ascendingly and descendingly second time:

1) 80 hours , two days , 20 hours

The ascending order is : .... , ... , ...

The descending order is: .... , ... , ...

2) Two and half months , 80 days, 48 days

The ascending order is: .... , ... , ...

The descending order is: .... , ... , ...

3) 3 metres and a quarter of metre , 315 cm. half a metre

The ascending order is: .... , ... , ...

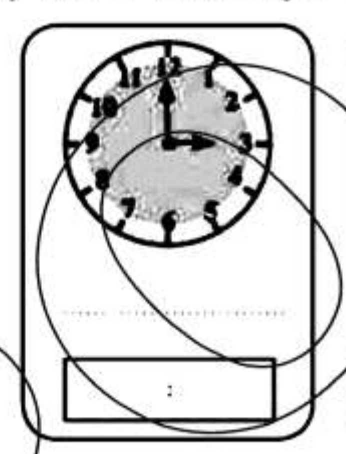
The descending order is: .... , ... , ...

Fifth question: (1) Write the time:



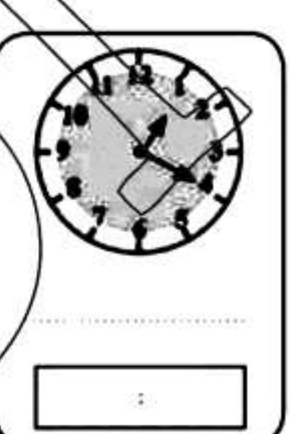
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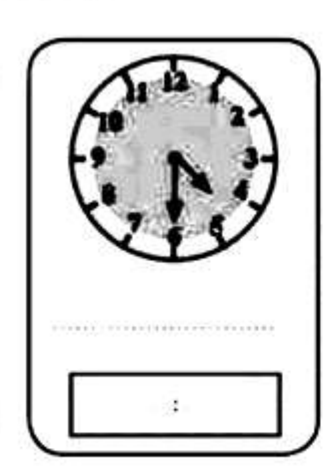
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....

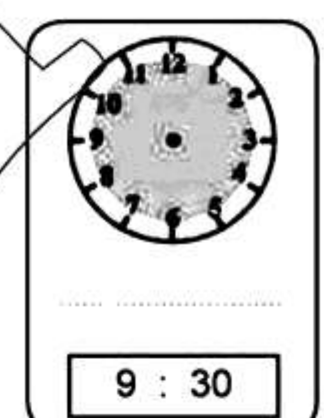
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(2) Draw the two hands , then complete:



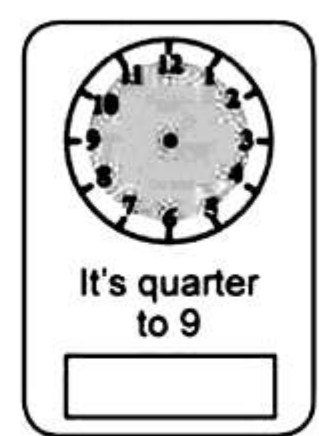
It's six O'oclock

[ ]



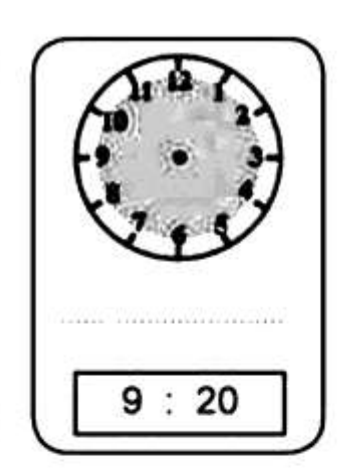
....

9 : 30



It's quarter to 9

[ ]



....

9 : 20

Mr. Mohamed Nasr El Din

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Statistics and Probability

Collecting and Representing Data

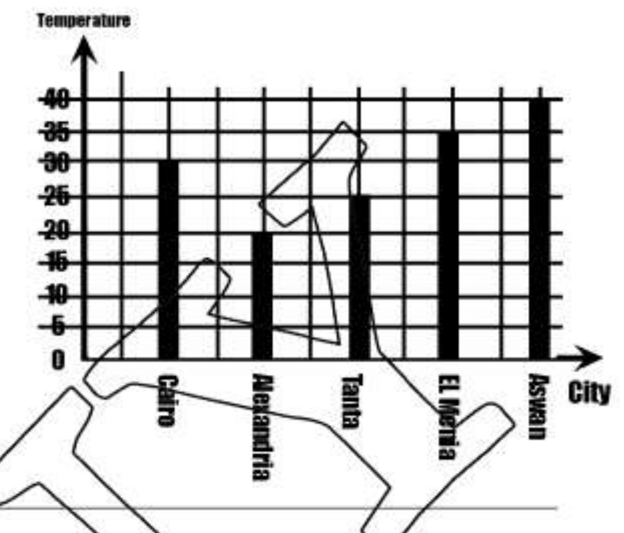
Use the opposite bar-lines to complete the table :

City	Cairo	Alex.	Tanta	El Menia	Aswan
Temperature	....	....	....	....	....

The highest temperature was in ....

The lowest temperature was in ....

The difference between the highest and the lowest temperature was ....



Use the opposite bar-lines to complete the table :

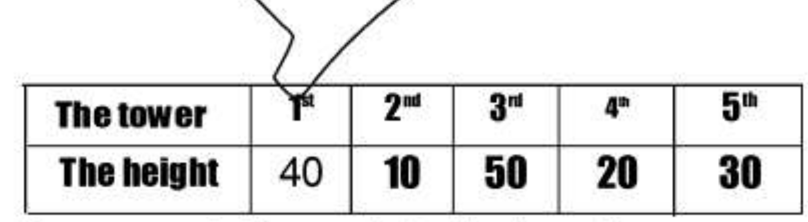
City	Cairo	Alex.	Tanta	El Menia	Aswan
Temperature	....	....	....	....	....

The highest temperature was in ....

The lowest temperature was in ....

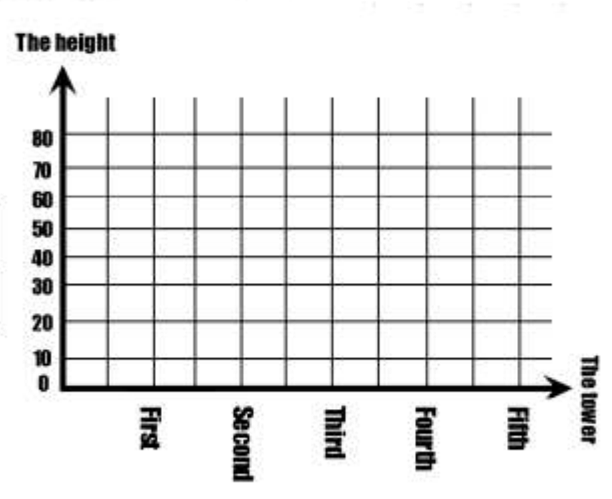
The difference between the highest and the lowest temperature was ....

The following table shows the heights of four towers:

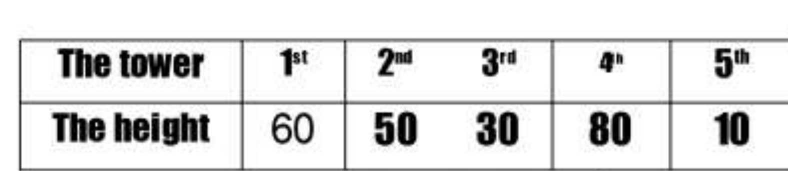


The tower	1st	2nd	3rd	4th	5th
The height	40	10	50	20	30

Represent these data by bar-lines

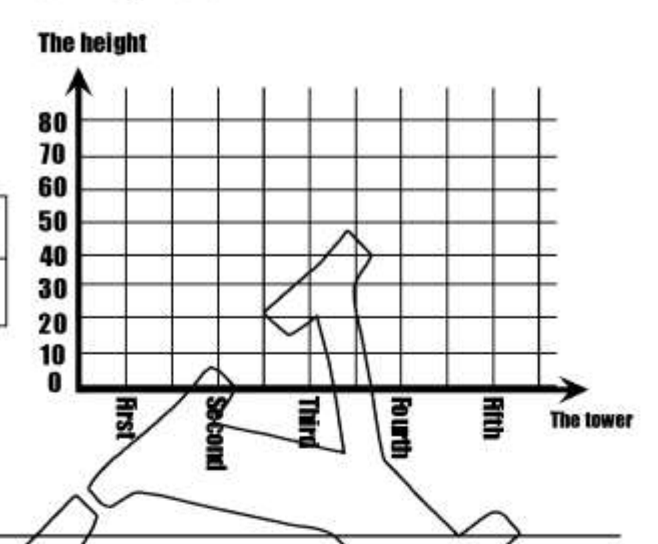


The following table shows the heights of four towers:



The tower	1st	2nd	3rd	4th	5th
The height	60	50	30	80	10

Represent these data by bar-lines



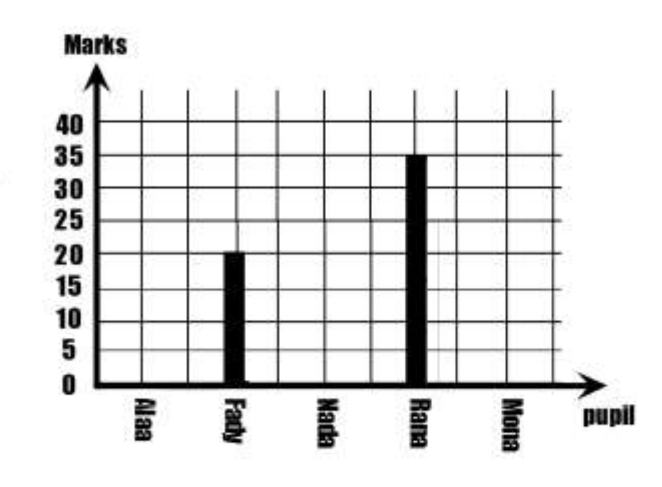
Complete the following table and the opposite graph :

pupil	Alaa	Fady	Nada	Rana	Mona
Marks	20		10		30

Marks
40
35
30
25
20
15
10
5
0
Alaa
Fady
Nada
Rana
Mona
pupil

Complete the following table and the opposite graph :

pupil	Alaa	Fady	Nada	Rana	Mona
Marks	30		20		35





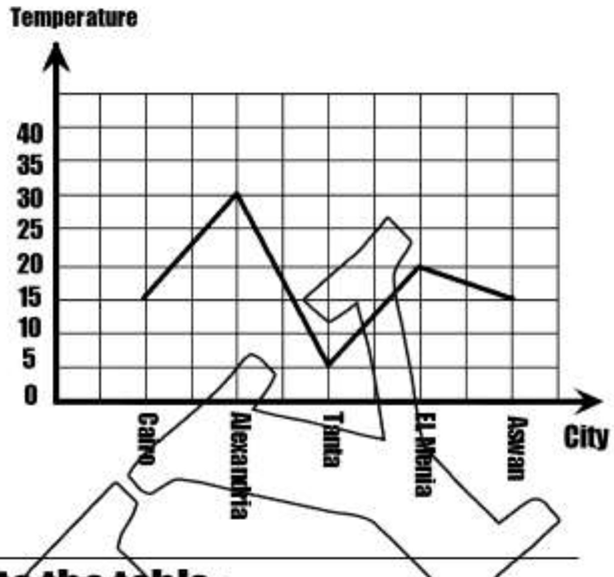
Use the opposite broken-lines to complete the table :

City	Cairo	Alex.	Tanta	El Menia	Aswan
Temperature	....	....	....	....	....

The highest temperature was in ....

The lowest temperature was in ....

The difference between the highest and the lowest temperature was ....



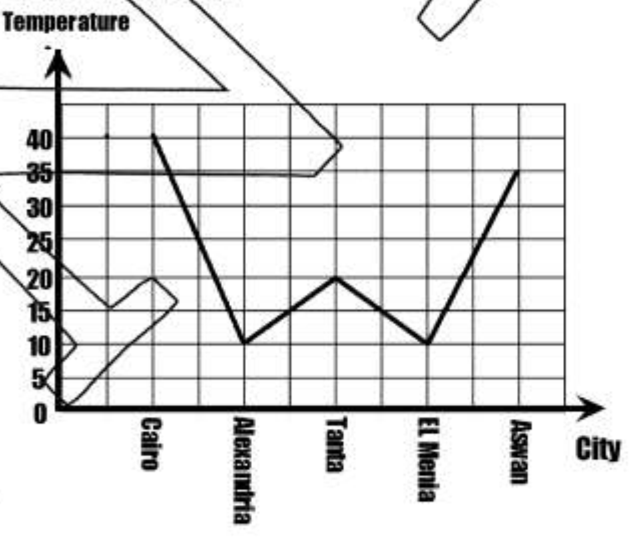
Use the opposite broken-lines to complete the table :

City	Cairo	Alex.	Tanta	El Menia	Aswan
Temperature	....	....	....	....	....

The highest temperature was in ....

The lowest temperature was in ....

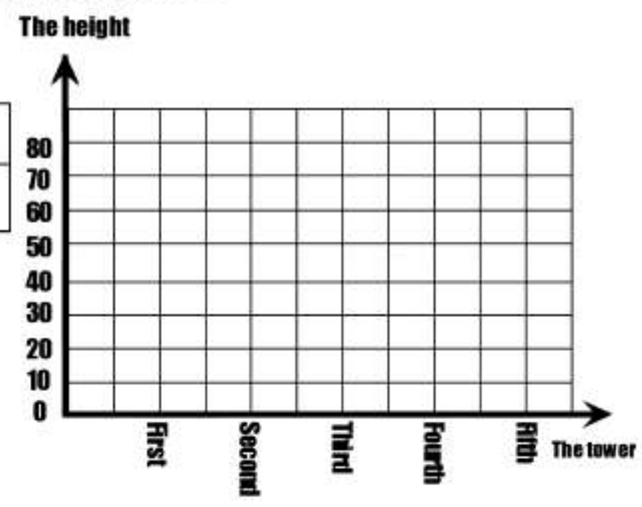
The difference between the highest and the lowest temperature was ....



The following table shows the heights of four towers:

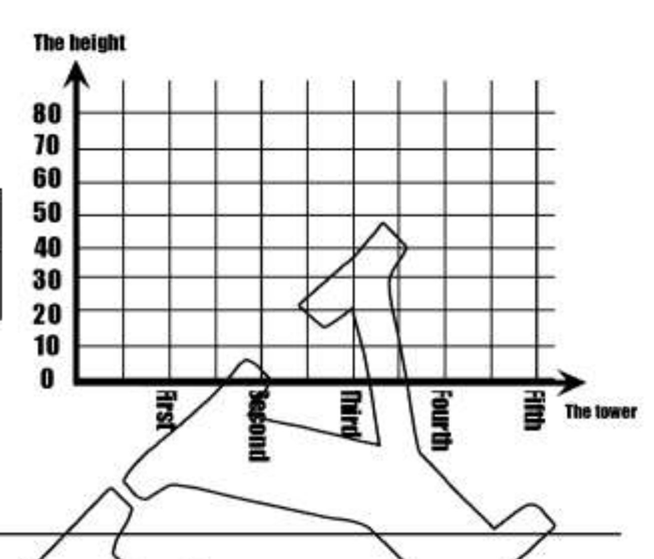
The tower	1st	2nd	3rd	4th	5th
The height	40	80	20	60	30

Represent these data by broken-lines



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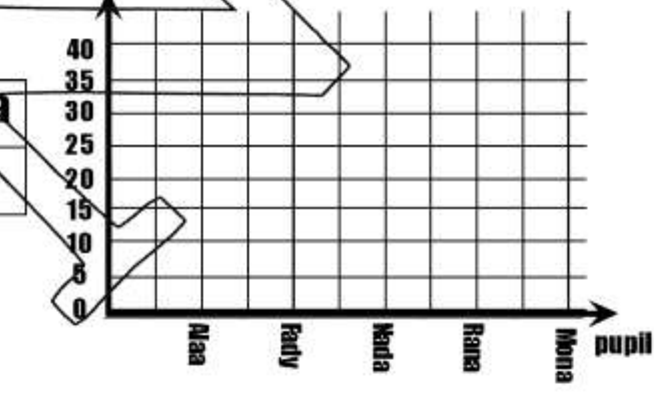
The following table shows the heights of four towers:



The tower	1st	2nd	3rd	4th	5th
The height	40	10	50	20	30

Represent these data by broken-lines

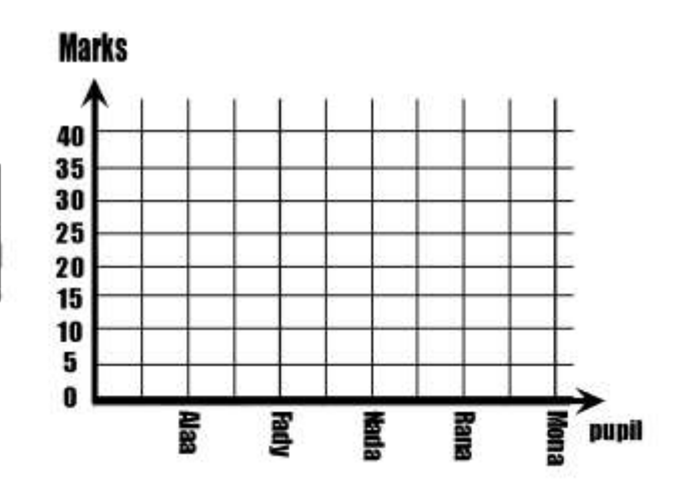
Complete the following table and the opposite graph :



pupil	Alaa	Fady	Nada	Rana	Mona
Marks	40	20	35	15	25

Represent these data by broken-lines

Complete the following table and the opposite graph :



pupil	Alaa	Fady	Nada	Rana	Mona
Marks	30	5	20	15	35

Represent these data by broken-lines



Probability

Certain (sure) - Possible - Impossible

أكيد - ممكن - مستحيل

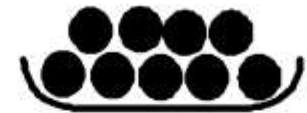
Complete by write " Certain " - " Possible " – " Impossible " :

1) It is .... to rain gold
2) It is .... that the sun will rise in the morning
3) It is .... that I will get a high grade in mathematics.
4) It is .... that the sun rises in the west
5) It is .... that the sun rises in the east
6) It is .... that the pupil go to school
7) It is .... to watch television 4 times a week
8) It is .... that you go on a school trip
9) It is .... that your hair will become green

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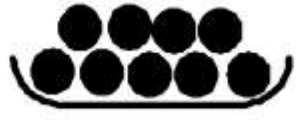
In the opposite figure there are nine black balls in a container
Complete by write " Certain " , " Possible " , " Impossible " :

1) It is .... to draw a black ball.
2) It is .... to draw a white ball.



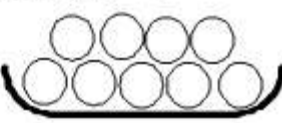
In the opposite figure there are nine black balls in a container
Complete:

1) It is certain to draw a .... ball.
2) It is impossible .... ball.



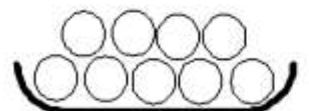
In the opposite figure there are nine white balls in a container
Complete by write " Certain " , " Possible " , " Impossible " :

1) It is .... to draw a black ball.
2) It is .... to draw a white ball.



In the opposite figure there are nine white balls in a container

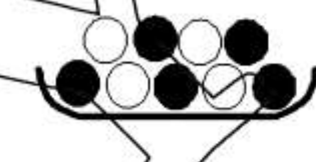
Complete:



1) It is certain to draw a …………………… ball.
2) It is impossible …………………… ball.

In the opposite figure there are nine balls in a container

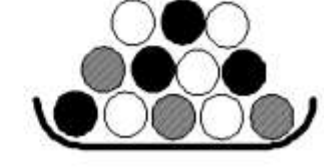
Complete by write " Certain " , " Possible " , " Impossible " :



1) It is …………………… to draw a black ball.
2) It is …………………… to draw a white ball.
3) It is …………………… to draw a green ball.
4) It is …………………… to draw a ball.

In the opposite figure there are 12 balls in a container

Complete by write " Certain " , " Possible " , " Impossible " :



1) It is …………………… to draw a ball.
2) It is …………………… to draw a ball.
3) It is …………………… to draw a ball.
4) It is …………………… to draw a red ball.

A box contains 20 balls , 9 of them are green , 6 of them are red and 5 of them are blue . if a ball is drawn

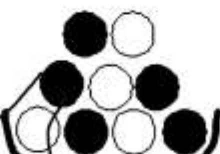
Complete by write " Certain " , " Possible " , " Impossible " :

1) It is …………………… to draw a red ball.
2) It is …………………… to draw a blue ball.
3) It is …………………… to draw a green ball.
4) It is …………………… to draw a white ball.

Calculating Probability

If a container holds 5 black balls and 4 white balls , one ball is drawn blindly

1) The probability of the drawn ball being black = ...
2) The probability of the drawn ball being white = ...
3) The probability of the drawn ball being red = ...

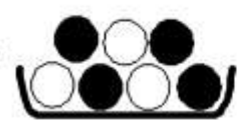


A box contains 20 balls , 9 of them are green , 6 of them are red and 5 of them are blue . if a ball is drawn

1) The probability of the drawn ball being red = ...
2) The probability of the drawn ball being blue = ...
3) The probability of the drawn ball being green = ...
4) The probability of the drawn ball being white ball.

If a container holds 4 black balls and 3 white balls , one ball is drawn blindly

1) The probability of the drawn ball being black = ...
2) The probability of the drawn ball being white = ...
3) The probability of the drawn ball being red = ...



If you throw a dice (die) once , what is the probability of seeing :

1) the number one on the upper face = ...
2) the number 4 on the upper face = ...
3) the number 7 on the upper face = ...
4) the number 6 on the upper face = ...
5) an odd number on the upper face = ...
6) an even number on the upper face = ...
7) a number greater than six on the upper face = ...
8) a number smaller than six on the upper face = ...
9) a number smaller than one on the upper face = ...



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If we flip a coin , we get either heads or taila . complete :




1) the probability of getting heads = ……
2) the probability of getting heads = ……

In a class of 40 pupils , 23 are boys and 17 are girls . one day , one of the pupils was absent .

What is the probability of the absent pupil being a boy ?........

What is the probability of the absent pupil being a girl ?........

In a class of 50 pupils , 30 are boys and. one day , one of the pupils was absent .

What is the probability of ~~the absent pupil~~ being a boy ?........

What is the probability of the absent pupil being a girl ?........

❶ *Complete each of the following :*

(1) $\frac{5}{12} + \frac{\cdots}{12} = 1$

(2) The two even numbers between 11 and 15 are .... and ....

(3) The probability of the certain event = ...

(4) 8 kilograms and 650 grams = ... grams.

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❷ *Choose the correct answer :*

(1) 2 721 ÷ 3 .... 92 × 9 (< *or* = *or* >)

(2) The probability of the impossible event = ...

(1 *or* between 0 and 1 *or* 0)

(3) If the higher temperature in one day is 40° C , then the lower temperature in that day is .... C (42° *or* 40° *or* 41° *or* 21°)

(4) A box has 3 red balls and 4 yellow balls. One ball is chosen randomly , then the probability of the chosen ball is yellow = ...

(1 *or* $\frac{3}{7}$ *or* $\frac{4}{7}$ *or* $\frac{1}{7}$)

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❸ *Circle the answer that is either correct or close to the correct answer :*

(1) The sun rises in the west ....

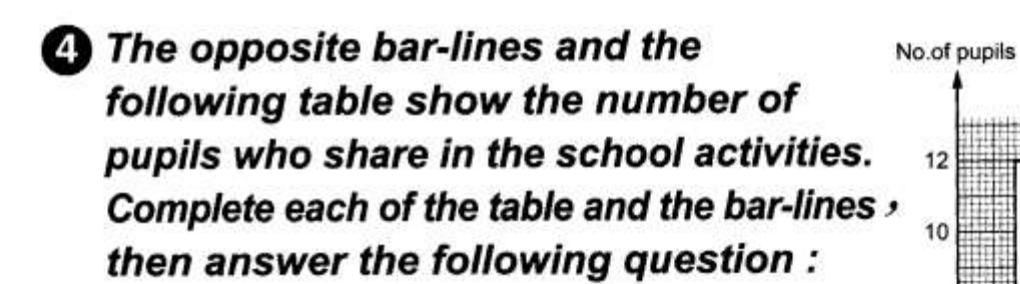
(certain *or* possible *or* impossible)

(2) I watch television four times in a week ....

(certain *or* possible *or* impossible)

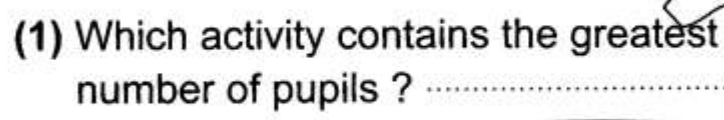
(3) The fish live in water .... (certain *or* possible *or* impossible)

(4) I go on a school trip .... (certain *or* possible *or* impossible)

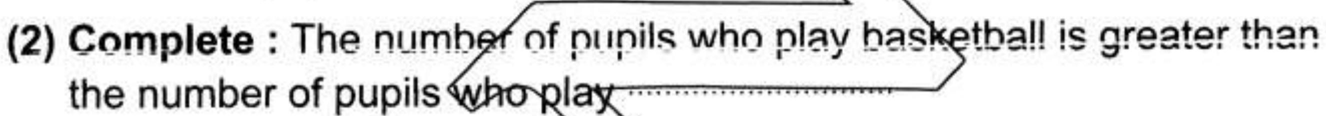


4 ***The opposite bar-lines and the following table show the number of pupils who share in the school activities. Complete each of the table and the bar-lines , then answer the following question :***

Activity	Football	Basketball	Handball	Music
No. of pupils	......	8	......	6



(1) Which activity contains the greatest number of pupils ? ....



(2) Complete : The number of pupils who play basketball is greater than the number of pupils who play ....

5 ***A dice is thrown once , by observing the upper face. Find the probability of getting :***

(1) the number 4 ....

(2) a number greater than 6 ....

(3) a number smaller than 5 ....

(4) an even number. ....

Complete by writing the word (sure, possible, impossible)

1) It is .... that the sky rains rose

2) It is .... that the sun rises from East

3) It is .... that a man is of length 5 metres.

4) It is .... that the student gets the full mark

5) It is .... that the elephant flies.

6) It is .... that the crocodile lives dry land.

7) It is .... that the hen bear.

8) It is .... that the sky is cloudy.

9) It is .... that the fish live in water

When a die is rossed once, and the upper face is observed, Find the following probabilities:

1) Appearance of an odd number = ...

2) Appearance of an even number = ...

3) Appearance a number less than 4 = ...

4) Appearance a number greater than 4 = ...

5) Appearance the number 7 = ...

6) Appearance the number 1 , 2, 3, 4, 5 , 6 = ...

A box contains 12 balls, 5 balls are white, 4 balls are red, 3 balls are black

Find the probability of each of the following events :

1) **The drawn ball is red =** ....

2) **The drawn ball is white =** ....

3) **The drawn ball is white or black =** ....

4) **The drawn ball is white or red or black =** ....

5) **The drawn ball is not red =** ....

6) **The drawn ball is not white =** ....

7) **The drawn ball is black =** ....

The eleven question :

As throwing a metallic coin once and observing the upper face. Complete:

1) The probability of appearing a head = $\frac{\dots}{\dots}$

2) The probability of appearing a tail = $\frac{\dots}{\dots}$

3) The probability of appearing a head or a tail = ...

The twelve question: Choose the correct answer from those between brackets

1) As tossing a metallic coin once and observing the upper face then the probability of appearing a head .... ($\frac{1}{2}$, 1 , zero)

2) The sun rises from East is a .... event (certain, possible, impossible)

3) The probability of getting an even number when tossing a die once = ($\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{6}$)

4) The probability of the certain event = ... ($\frac{1}{2}$, 1 , zero)

5) The probability of the impossible event = ... ($\frac{1}{2}$, 1, zero)

6) The probability of the number 8 when tossing a die once = ...

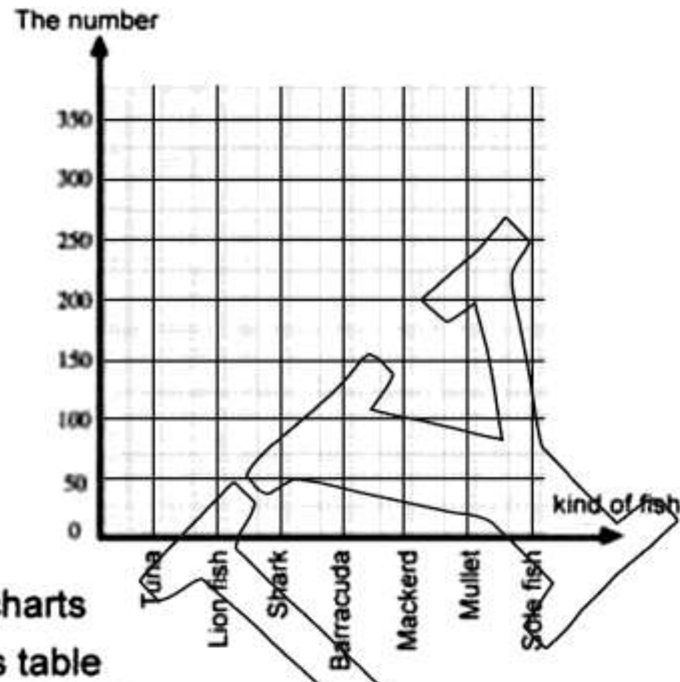
($\frac{1}{8}$, 1 , zero)

7) The probability of getting a number less then 3 when a die is tossed once = ... ($\frac{1}{3}$, $\frac{1}{2}$, $\frac{1}{6}$)

8) The probability of getting a number less then 1 when a die is tossed once = ... (zero , $\frac{1}{2}$, $\frac{1}{6}$)

The following table shows some of kind of fish which live in red sea

The kind of fish	The number
Tuna	300
Lion fish	100
Shark	20
Barracuda	150
Mackerd	200
Mullet	250
Sole fish	150



First: Represent these data by bar charts

Second complete using the previous table

1) The most number of fish is ....

2) The least number of fish is ....

3) There are two kinds of fish having the same number, they are .... and ....

4) The sum of greatest and least number of fish = ... + ...

The following table shows the number of pupils who participated in school activity in one of the schools, represent these data by a broken line.

The activity	Number of pupils
Drawing	25
Cultural	15
Sports	35
Social	10

